

Platted

Revised April 3rd 1902
J.

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FIELD NOTES

Of the Re-survey of the Coctwin Lines of

Township No. 2 North, Range No. 37 East,

Willamette Meridian, Oregon,

BY

Charles L. Campbell

Deputy Surveyor,

UNDER

his joint Contract No. 733 dated March 22, 1901

Survey commenced July 5, 1901

Survey completed August 13, 1901

Platted _____

Copied for Washington Apr 18 1902 by Cook

12987b200-1-1900

See Clerk Affidavit

FIELD NOTES

Of the ^{re} survey of the *exterior*

Lines of *Township No. 2 North,*

Range No. 37 East, Willamette Meridian, Oregon,

as surveyed by *Charles C. Campbell*

U. S. Deputy Surveyor, under his contract No. *783*

dated *March 22*, 190*1*

Survey commenced *July 5*, 190*1*

Survey completed *August 13*, 190*1*

NAMES AND DUTIES OF ASSISTANTS.

Lyde W. Biddell, Chainman.

Ray J. Campbell, Chainman.

....., Chainman.

....., Chainman.

W. A. Burt Campbell, Axman.

....., Axman.

....., Flagman.

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PRELIMINARY OATHS OF ASSISTANTS.

WE, Clyde W. Riddell and
Roy J. Campbell

do solemnly swear that we will faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with the instructions given us, in the ^{re} survey of the exterior

lines of Township No. 2 North, Range No. 37 East,
Willamette Meridian, Oregon.

Clyde W. Riddell, Chainman.

Roy J. Campbell, Chainman.

....., Chainman.

....., Chainman.

Subscribed and sworn to before me this fifth
day of July, 1901

Charles L. Campbell

U. S. Dept. Surveyor

[SEAL.]

WE, W. A. Burt Campbell

and
do solemnly swear that we will well and truly perform the duties of axmen, mound men, and flagman in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability, in the ^{re} survey of the exterior lines of
Township No. 2 North, Range No. 37 East,
Willamette Meridian, Oregon.

W. A. Burt Campbell, Axman.

....., Axman.

....., Flagman.

Subscribed and sworn to before me this fifth
day of July, 1901

Charles L. Campbell

U. S. Dept. Surveyor

[SEAL.]

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Meanders of Pages to

Meanders of Pages to

I Chas. L. Campbell,
 U. S. Dept. Surveyor, do
 solemnly swear, the
 resumed of the exterior
 line of Township No.
 2 N., Range No. 37 E., was
 absolutely necessary in
 order to complete my
 survey under
 Contract No. 733, in
 accordance with the
 Manual of surveying
 instructions

Chas. L. Campbell.

U. S. Dept. Surveyor.

Subscribed by said
 Chas. L. Campbell, U. S. Dept.
 Surveyor, and sworn to
 before me this 2nd day
 of April, 1902.

Seal

A. E. Latta
 County Clerk

By J. Bolton
 Dep

Resurvey of exterior line of T. & N. R. 37
chain

Survey commenced July 5, 1901, and executed with an improved solar compass, No. 210, made by W. and L. C. Gurley of Troy, N. Y. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined, tested on the true meridian at The Dalles, Oregon, found correct and was approved by Chas. A. Schutz, C. E., May 25, 1901, under authority given him by the surveyor general for

2923
&

Resurvey of Interior T. & N., R. 37 E. - Con-
Chain Oregon, May 7, 1901.

I examine the
adjustments of the
instrument and
find no level or
collimation errors;
then to test the
solar apparatus
by comparing its
indications, resulting
from solar observa-
tions made during
a.m. and p.m.
hours, with a
true meridian
determined by obser-
vations on Polaris;
I proceed as follows:

July 5: at my
camp, about 8000 ft.
N.W. of the cor. of Tps.
1 and 2 N., R. 37 and
38 E.; lat. $45^{\circ} 37' 70''$,
longitude $118^{\circ} 08' W.$,
at $3^{\text{h}} 50^{\text{m}}$ p.m., l.m.
t., I set off $45^{\circ} 37' 00''$
the lat. arc;

Resurvey of interior F. & N., R. & E. Co.
 Chains $22^{\circ}-19'$ N. on the decl.
 arc; determine a
 true meridian with
 the solar; and
 mark a point
 thereof on a stone
 set firmly in the
 ground 5.00 chs. N.
 of my station.

At $12^{\text{h}}-33^{\text{m}}$ a.m.
 by my watch
 which is correct
 with l.m.t., I
 observe Polaris at
 eastern elongation
 in accordance with
 Manual of Surveying
 Instructions, and
 mark a point thus
 determined on a
 plug driven in the
 ground 5.00 chs. N.
 of my station
 July 5, 1901.

July 6: At $5^{\text{h}}-10^{\text{m}}$ a.m.,

Resurvey of previous S. N., P. & C. - Cor.
 Chains E. m. t., I lay off
 the azimuth of
 Polarisk, $1^{\circ} - 44'$ to the
 west, and mark a
 point in the true
 meridian thus de-
 termined, by cutting
 a small groove
 in the stone set
 July 5, of which
 the true meridian
 falls 0.2 in. east
 of the mark de-
 termined by the
 solar.

at $8 - 20$ a. m., l.
 m. t., I set off $45^{\circ} -$
 $37'$ of the lat. arc;
 $22^{\circ} - 45' N.$ of the decl.
 arc; and determine
 a true meridian
 with the solar
 and mark a point
 thereof on the stone
 already set 5.00 che. N.
 of my station;
 this point falls

Recovery of exterior S. & N., P. & E. - Con.
 Chain to 5 m. east of the
 true meridian
 established by the
 Polar observation.

The solar appa-
 rature by p. m. and
 a. m. observations,
 define positions
 for true meridians
 respectively about
 $0^{\circ} 09''$ W. and $0^{\circ} 15''$ E.
 of the true meridian
 established by the
 Polar observation;
 therefore I conclude
 that the adjust-
 ments are satisfac-
 tory.

The magnetic
 bearing of the true
 meridian at $10^{\text{h}} 30^{\text{m}}$
 a. m., l. m. t., is N.
 $20^{\circ} 29''$ W., which angle
 reduced by the
 table gives the
 mean magnetic
 declination $20^{\circ} 24.5''$ E.

2968
6

Resurvey exterior T. & N., R. 37 E. - Con.

Chain & Preliminary to
commencing the sub-
divisions of this
township, I run
N. on blank line
of C. body of sec. 26;
at 40. ~~34~~ chs. the $\frac{1}{4}$
sec. cor. bears C. 18 lks.
dist, and at 79.70
chs. the cor. of secs.
25, 20, 21 and 26 bears
C. 25 lks. dist;
therefore I continue
my line N. At
119.18 chs. the $\frac{1}{4}$ sec.
cor. bears C. ~~24~~^{4 17} lks.
dist. and at 158.76
chs. the cor. of secs.
19, 24, 25 and 26 bears
C. ~~24~~¹⁰ lks. dist. At
198.96 chs. the $\frac{1}{4}$ sec.
cor. bears ~~24~~^{W 12} lks.
dist, and at 208.74 chs.
the cor. of secs. 13, 18,
19 and 24 bears N.
~~24~~²⁶ lks. dist. At
278.05 chs. the $\frac{1}{4}$ sec.

Resurvey exterior T. 2 N., R. 37 E. - Con.
 Chains cor. bears $\frac{1}{2}$ W ² lks.
 dist., and at 318.40
 chs. the cor. of sec.
 3, 12, 18 and 18 bears
 W. ¹⁹ ~~20~~ lks. dist. at
 358.21 chs. the $\frac{1}{2}$ sec.
 cor. bears W. ²⁵⁻⁴ ~~25~~ lks.
 dist., and at 397.67
 chs. the cor. of sec.
 1, 6, 7 and 12, bears
 W. ²⁹ ~~28~~ lks. dist. at
 438.05 chs. the $\frac{1}{2}$ sec.
 cor. bears W. ³³⁻⁴ ~~33~~ lks.
 dist., and at 479.58
 chs. the closing
 cor. of T. 2 N., R. 37
 and S. C. bears W.
⁴⁰ ~~38~~ lks. dist.

I then proceed to
 the S. C. cor. of T. 2
 N., R. 37 E. and run
 N 89° 57' W. on blank
 line on S. body of
 sec. 36, at 402.4
 chs. the $\frac{1}{2}$ sec. cor.
 bears S. 9 ⁴ lks. dist.,
 and at 802.4 chs.

Resurvey exterior F. & N. R. 376. - Con.

Chain the cor. of sec.
 1, 2, 35 and 36 bears
 N. 75° E. 1/4 dist;
 Therefore, I continue
 my line N. 89° 57' W.
 At 120.24 chs. I find
 no trace of $\frac{1}{4}$ sec.
 cor. At 159.14 chs.
 the cor. of sec. 2, 3,
 34 and 35 bears N. 161
 chs. dist. At 199.55
 chs. the $\frac{1}{4}$ sec. cor.
 bears N. 131 $\frac{1}{4}$ chs. dist,
 and at 240.12 chs.
 the cor. of sec. 3, 4,
 33 and 34 bears N.
 121 chs. dist. At
 280.43 chs. the $\frac{1}{4}$ sec.
 cor. bears N. 169 $\frac{1}{4}$ chs.
 dist., and at 320.48
 chs. the cor. of sec.
 4, 5, 32 and 33 bears
 N. 104 chs. dist. At
 360.35 chs. the $\frac{1}{4}$ sec.
 cor. bears N. 47 chs.
 dist., and at 400.67
 chs. the cor. of sec.

Resurvey C. bdy. T. & N., R. 37 E. - Con.
 Chains 5, 6, 31 and 32 bear
 N. 47 lks. dist.
 at 440.76 chs. the
 $\frac{1}{4}$ sec. cor. bears
 48.7 lks. dist., and
 at 500.52 chs.
 intersect the N.
 and S. line 72 lks.
 N. of the cor. of
 T. 1 and 2 N.,
 R. 36 and 37 E.
 July 5, 1901.

Since T. & N., R. 38 E.
 has been subdivi-
 vided, I resurvey
 the range line
 bet. T. 1 & 2 N.,
 R. 37 and 38 E.
 as follows:
 I reestablish all old
 obliterated cor. in
 their original
 places, destroy the
 markings of the
 old cor. which

Resurvey of C. bdy. T. & W., R. 37 E. - Con.
Chains for tank to the
survey W.; and
establish new
regular core.
From now to two
sec. or quarter
sec., upon the
old line at law-
ful distances
minus the north-
ering of the T. bdy.
July 4. At 7^h 40^m
a. m., l. m. t., I
set off $45^{\circ} 36'$ on
the lat. arc; $22^{\circ} 24'$
N. on the decl.
arc; and determine
a true meridian
with the solar at
the cor. of Sp. 1
and 2 N., R. 37 and
38 E., which is a
post firmly set
marked and
witnessed as
described by the
surveyor general,

Resurvey E. body. T. & N., R. & C. - Con.
 Chains with the exception
 of the N. C. and N. W.
 bearing trees which
 have entirely rotted
 away. A mark

A spruce, 16 in.
 diam., bears N. 60° E,
 68 lks. dist., marked
 T. & N., R. & C. T. 31, B. T.
 A larch, 10 in. diam.,
 bears N. 55° W., 82 lks.
 dist., marked T. & N.,
 R. & C., T. 36, B. T.

Thence down

N. 0° - 15° E. on old
 township line, bet.
 sec. 81 and 86.

Around gradually
 along E. slope &
 through heavy
 timber and dense
 undergrowth.

39.70 At 480 ch. minus
 30 lks, the northing
 of the S. body,
 set basalt stone,
 15 x 10 x 8 in., 70 in.

806
12302

Resurvey C. bdy. T. & N., R. 37 E. - Con.

Chain in the ground
for $\frac{1}{4}$ sec. cor.,
marked $\frac{1}{4}$ on W.
face; from which
a fir, 10 in. diam.,
bears S. 71° W., 81 lbs.
dist., marked $\frac{1}{4}$
S. 36, R. T.

40. 34 Intersect old $\frac{1}{4}$ sec.
cor. which is a post,
badly decayed,
marks obliterated
and witnessed as
described by the
surveyor General.
I destroy old post
and set new
fir post, 8 ft. long,
5 in. sq., 2 4 in. in
the ground for
 $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ S. 31 on E. face.
From which the
witness trees
bear as stated
by the surveyor
General. I destroy

Resurvey E. body T. & N., R. & C. - Con.
 Chain all marks which
 pertain to the sur-
 vey st.

France Iron

N. $0^{\circ} - 17' E.$

51.00 Timber gradually
 become scattering
 bare E. and W.

> 5.75 Spring branch, 2 lbs.
 wide, in ravine
 50 ft. deep, course
 S. $50^{\circ} E.$

> 9.70 Intersect old cor.
 of sec. 25, 30, 31 and
 36 which is a post
 badly rotted, marked
 and witnessed
 as described by
 the survey of
 general, with
 the exception of
 the S. E. bearing
 tree which has
 been destroyed.
 Since the point
 for the cor. common
 to sec. 25 and 36 falls

3048
14

Resurvey C. bdy. T. & N., R. 37 E. - Con.

Chain for the old sec.
cor., I reestablish
the old sec. cor.
as a cor. common
to sec. 25, 30, 31 and
36, as follows:
Destroy old post and
set four iron stones,
15 x 10 x 5 in., 10 in.
in the ground
for cor. of sec.
25, 30, 31 and 36,
marked with 5
notches on N. and
1 notch on S. edges.
From which

A fir, 12 in.
diam., bears N. 77°
E., 22 lbs. dist.,
marked T. & N.,
R. 37 E., T. 30, B. S.

A fir, 24 in. diam.,
bears S. 59° E., 56 lbs.
dist., marked T.
& N., R. 37 E., T. 31, B. S.

A fir, 30 in. diam.,
bears S. 12° W., 110 lbs.

Resurvey C. bdy. T. & N., R. 37 E. - Cor.

Chain & dist., marked T. & N., R. 37 E., S. 36, B. T.

A fir, 26 in. diam., bears N. 40° W., 13 lks.

dist., marked T. & N., R. 37 E., S. 35, B. T.

Land, mountainous.

Soil, loam and stony, red and red rate.

Timber, fir, pine, spruce, larch and tamarack.

Undergrowth, mountain laurel, huckleberry, small fir,

yellow and white maple.

Mountainous or heavily timbered land,

79.70 chs.

N 0° 18' W. on old township line bet. sec. 25 and 30.

Ascend along C. slope through heavy timber and scattering under.

1886

Resurvey C. bdy. T. & N., R. 37 E. - Con.

Chain growth.

18.00 Creek 3 lks. wide,
in ravine, 150 ft.
deep, course S. 50° W.

28.75 Top of ridge, 200
ft. above creek, bears
E. and W. second.

39.45 Intersect old $\frac{1}{4}$ sec.
cor. which is a
post badly decayed,
marked land wit-
nessed as described
by the surveyor
General. To destroy
old post and set
new post, 3 ft. long,
3 in. sq., 2 1/2 in. in
the ground, for $\frac{1}{4}$
sec. cor., marked
1/4 S. 30° on E. face.

To destroy all marks
which pertain to

the survey C.
These marks of $\frac{1}{4}$ sec. cor.
40.00 Set for, 3 ft. long,
4 in. sq., 2 1/2 in. in
the ground, for $\frac{1}{4}$
sec. cor., marked

Resurvey C. bdy. T. & W., R. 37 E. - Con.

Chains $\frac{1}{4}$ S. 25° or W. face.
 $\frac{1}{4}$ From which
a fir, 12 in. diam.,
bears N. 40° W., 24
lks. dist., marked
 $\frac{1}{4}$ S., B. T.
 $\frac{1}{4}$ Thence I run
~~N. 50° 06' W.~~

53.25 Creek, 10 lks. wide,
in canyon 500 ft.
deep, course S. 40°
E.

53.75 Old Thomas and
Ruckel Stage Road,
course N. W., S. E.

54.05 Leave undergrowth
bears N. W., S. E. and
ascend steep S. slope.

71.00 Top of ridge, 400 ft
above creek, bears
N. 10° E and S. 30° E.
descend gradually
along N. slope.

79.05 I intersect the old
cor. of sec. 29, 24, 25
and 30 which is
a fir, 15 in. diam.

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Resurvey C. bdy. T. & N., R. 37 E. - Con.
Chains marked and
witnessed as described
by the surveyor
General. I destroy
all marks which
pertain to the

survey of
Francis Green No. - 02 W
8000. Set post, 3 ft. long,
4 in. sq., 2 4 in. in
the ground for
cor. of sec. 24 and
25, marked T. & N.,
S. 25 on T. W. and R. 37
E., S. 24 on N. W. face;
with 4 notches on
N. and 2 notches
on S. edge.

From which
a fir, 10 in. diam.,
bear S. 46° W., 104
lks. dist., marked
T. & N., R. 37 E., S. 25, B. T.
A pine, 8.6 in.
diam., bear N. 46°
W., 104 lks. dist.,
marked T. & N., R.
37 E., S. 24, B. T.

Resurvey E. bdy. T. & N., R. 37 E. - Cor.

Chain Land, Mountainous
soil, loam and
stony; and and erd rate.
Timber, pine, fir,
spruce, larch, yew
and tamarack.

Undergrowth, huckle
berry, mountain
lamb, small pine
and wild cherry.

Mountainous land,
8000 ft.

July 9. At this
sec. cor., set off
22° 23' N. on the
decl. arc; and at
0^h 05^m p.m., l.m.t.,
observe the sun
on the meridian;
the resulting lat.
is 45° 35' which
is about 0.1 greater
than the proper
lat.

N. 0° 20' W. on old town.

Resurvey of the T. & N., R. 27 E. - Con.
Chain & ship line bet. sec.
19 and 24.

Ascend along W. slope
of ridge through
heavy timber and
dense undergrowth.

0.48 A yellow pine, 26
in. diam. in line,
I mark with a
notch on the
S. edge.

22.50 Enter marshy land,
bear N. W. and S. E.

23.50 Creek, 5-6 ft. wide,
swift current, stony
bottom, in canyon
300 ft. deep, source
S. 30° W.

39.25 Ascend E. slope.

~~40.20~~ Intersect old $\frac{1}{4}$ sec.
cor., which is a
post, badly decayed,
marked and
witnessed as de-
scribed by the
survey of general.
I destroy old post

Resurvey C. side T. & N., P. 27 C. - Con.

Chain and set an iron
stone, 20 x 12 x 4 in,
15 in. in the
ground, for $\frac{1}{4}$ sec.
Cor., marked $\frac{1}{4}$ on
E. face. I destroy
all marks which
pertain to the
survey N. E.

(X)

4.00.00 Set iron stone, 20 x 10
x 4 in., 15 in. in the
ground for $\frac{1}{4}$ sec.
Cor., marked $\frac{1}{4}$ on
W. face. From which
a pin, 15 in. diam.,
bears S. 35° W., 45
ch. dist., marked
 $\frac{1}{4}$ S. 24, B. T.

Thence Iron
N. 0° - 21' W. on old

4.7.50 Leave timber and
undergrowth bears
E. and W.

5.9.00 Enter heavy timber,
bears N. 30° W., S. 30° E.
descend gradually.

6.2.25 Dry bed of stream

Resurvey C. bdy. T. & N. R. & C. Cas
 Chain in ravine, 150 ft.
 deep, course S. 60° E.
 Ascend over
 rolling land.

7903 Intersect old cor.
 of sec. 13, 18, 19 and 24,
 which is a post
 badly decayed,
 intersected and
 witnessed or
 described by the
 surveyor General.
 I destroy old post
 and set a basalt
 stone 15 x 12 x 7 in.,
 10 in. in the
 ground at the
 chain point, for
 cor. of sec. 18 and 19.
 I destroy all marks
 which pertain to
 the survey H. C.
 Thence I run
 N. 0° 20' E.

8000 Set basalt stone,
 15 x 12 x 5 in., 15 in.
 in the ground

Resurvey C. by T. & M., R. 27 E. - Con.
 Chain for cor. of sec. 13 and
 24, marked with
 3 notches on N. and
 S. edge. From which

A fir, 24 in.
 diam., bears S. 53° W.,
 27 lks. dist.,
 marked T. & M.,
 R. 27 E., T. 24, B. T.

A fir, 12 in. diam.,
 bears N. 78° W., 40
 lks. dist., marked
 T. & M., R. 27 E., T. 13,
 B. T.

Land, mountainous
 and rolling.
 Soil, sandy loam,
 2nd rate.
 Timber, pine, fir
 and tamarack.
 Undergrowth,
 mountain laurel,
 huckle berry and
 small jobs.
 Mountainous or
 heavily timbered
 land 5000 acres.

Resurvey C. body T. & N., R. 37 E. - Con.
 July 9, 1907.

- N. 0° 20' E. on old township line bet. sec. 13 and 18. Ascend through heavy timber along S. slope of ridge.
- 2.00 Enter scattering timber bears E. and N. Over rolling ground.
- 18.30 Creek, 2-3 ft. wide, in ravine, 100 ft. deep, course S. E. Enter heavy timber and scattering undergrowth bears N. W., S. E.
- 20.00 Leave heavy timber and undergrowth and pass through scattering pine forest, bears E. and N.
- 3864
~~29.61~~ Intersect old $\frac{1}{4}$ sec. cor. which is a post, marked and

Resurvey C. bdy. C. bdy. T. & N., R. 37 E

Chains not used as described by the survey or T. & N. I destroyed all marks on old cor. pertaining to the survey W. of Thence I run

N. $0^{\circ} 15' W.$

40.00 The point for $\frac{1}{4}$ sec. cor. falls on a ledge, $10 \times 8 \times 3$ ft. above ground, I marked a cross at the exact cor. point for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. side of cross. From which

A pin, 18 in. diam., bears S. $43^{\circ} W.$, 54

lbs. dist., marked

$\frac{1}{4}$ T. 13, B. T.

This cor. stands about 200 ft above creek.

47.00 Leave timber, bears E. and W.

52.50 Sumnerville Trail

Resurvey E. bdy. T. & N., R. & E. Co.

Chain bears N. 70° W., S. 70° E.

Enter timber and
undergrowth.

5500 Summit of divide
bet. Grande Ronde
Basin and Umatilla
Basin, 300 ft above
creek, bears N. 70° E.,
S. 70° W.

Descend along W.
slope of divide.

6950 Creek, 200 ft wide,
in ravine 150 ft
deep, course N. 40° W.
Ascend.

> 8.69 Intersect old cor.
of sec. 7, 12, 13 and
18 which is a
post, badly decayed
marked and
witnessed as
described by the
surveyor General.
I destroy old post
and set a ball
stone, 15 x 8 x 5 in.
in line with the

Resurvey C. bdy. T. & N., R. 87 E. Cor.
Chain ground for cor.
of sec. 12 and 13,
marked with
2 notches on the N.
and 4 notches on
the S. edge. I
destroy all marks
pertaining to the
survey W.

Thence I run
N. 0° ⁵ N. W.

8000 Set basalt stone,
15 x 10 x 6 in., 10 in.
in the ground
for cor. of sec. 12
and 13, marked
with 2 notches on
the N. and 4 notches
on the S. edge.
From which

A fir, 12 in. diam,
bears S. 76° W., 45
lbs. dist, marked
T. & N., R. 87 E., S. 13,
B. T.

A fir, 24 in. diam,
bears N. 71° W.,

1318
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Resurvey E. bdy T. 2 N., R. 37 E. - Con.
Chain B 3 3/4 lbs. dist., marked
T. 2 N., R. 37 E., S. 12,
B. 1.

This cor stands
about 150 ft.
below the summit
of the divide.
Land, mountainous.
Soil, stony and
loam; cold and
windy.
Timber, pine, fir
and tamarack.
Undergrowth, huckle
berry, mountain
sage and small
firs.
Mountainous land
8000 ft.

N. 0° - 5' W. on old
township line
bet. sec. 2 and 12
Ascend S. slope
of hill through
heavy timber.

Resurvey G. edy. T. & M., R. & E. - Con.
Chained

12.50 Top of ridge, 175
ft above creek, bear
N. 60° W., S. 60° E.

Over rolling ground
through dense
forest.

38.69³⁰ Intersect old $\frac{1}{4}$ sec.
cor. which is a post,
marked and wit-
nessed as described
by the surveyor
General. Destroy
all marks pertaining
to the survey W. of
Thence I run
N. 0° - 3' W.

40.00 Set an ironstone,
15 x 15 x 4 ins., 10 ins.
in the ground, for
 $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ of W. face.
From which

a post, 30 ins. diam.,
bear S. 14° W., 17 1/2 lbs.
dist., marked
 $\frac{1}{4}$ S. 7, B. 5.

30

Resurvey E. bdy. T. & W., R. 37 E. - Con.

Chains

- 41.00 Top of ridge, 200 ft high, bears E. and W.
- 41.50 Enter dense fir forest and undergrowth, bears E. and W. descend steep N. slope of hill.
- 43.00
- > 4.15 Creek in canyon, 300 ft. deep, 10 lbs. wider, swift current, stony bottom, course N. 60° W.
- > 5.00 Ascend through scattering timber, bears E. and W.
- > 7.96 Intersect old cor. of sec. 1, 6, 7 and 12, which is a post, entirely decayed, and witnessed as described by the survey of general. I set a basalt stone

Resurvey C. bdy. T. & N., R. & C. - low.
 Chains 15 x 12 x 10 inc. 10 inc
 in the ground
 at the same point
 for cor. of sec. 6
 and 7, marked
 with 1 notch on
 the N. and 5 notches
 on the S. edge.
 Destroy all marks
 pertaining to the
 survey W.

Thence Run
 N. 0° 5' W.

8000 Set an ironstone,
 20 x 10 x 6 inc. 15 inc.
 in the ground
 for cor. of sec.
 1 and 12, marked
 with 1 notch on
 the N. and 5 notches
 on the S. edge.
 From which

A fir, 30 inc. diam.,
 bears S. 51° W. 109 lbs.
 dist., marked
 T. & N., R. & C., S. 12,
 B. G.

322

Resurvey C. bdy. T. & N., R. 87 C. - Con.
Chain 1. A pine, 24 in.
diam., bears N. 20°
W., 115 lbs. dist.,
marked T. & N.,
R. 87 C., S. 1, B. F.

This cor. stands
about 100 ft. above
the creek.

Land, mountainous
soil, loam and
stony; end and
red
rate.

Timber, pine, fir and
tamarack.

Undergrowth, huckle
berry, laurel, small
york and some maple.

Mountainous land,
rocks.

July

July 10: At 3^h 10^m
p.m., l.m.t., I
set off 45° 41' on
the lat. arc; 22°
16' N. on the decl.
arc; and dete-

Resurvey C. bdy, T. 2 N., R. 27 E. - Con.
 Chain from a true
 meridian with the
 solar at the cor.
 of sec. 1 and 12.

Thence from
 N. $0^{\circ} 05' W.$ on old
 township line bet
 sec 1 and 6.

Ascend steep S.
 slope through
 heavy timber.

2.50 Summit of ridge,
 bears E. and W.

5.00 Summit of ridge
 250 ft above creek,
 bears E. and W.

Descend through
 scattering timber
 and dense under-
 growth.

10.00 Enter old burn,
 bears N. $30^{\circ} W.$, S. $30^{\circ} E.$

38.34 Intersect old $\frac{1}{4}$ sec.
 cor. which is a
 post, badly decayed,
 marked land
 witnessed as

Resurvey C. bay T. & N., P. & C. Co.

Chains described by the
 surveyor general.
 I destroy old post
 and I set a basalt
 stone, 15 x 10 x 6 ins.,
 10 ins. in the ground
 at the same point
 for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ on E. face. I
 destroy all marks
 pertaining to the
 survey W.

Thunder Drum
 N. 0° 04' W.

4000

Set basalt stone,
 24 x 20 x 6 ins., 18 ins.
 in the ground,
 for $\frac{1}{4}$ sec. cor.,
 marked $\frac{1}{4}$ on W.
 face. From which
 a fir, 80 ins. diam.,
 bears S. 25° W.; 12 lbs.
 dist., marked $\frac{1}{4}$ S.
 1, P. P.

This cor stands about
 150 ft below summit
 of ridge

Reusing C. bdy. T. & N., R. 37 E. - Con.

Chains descended gradually
down Buck Creek
Basin.

4950 Spring branch 2 lks.
wide course N. E.

6270 Spring branch, 1 lks.
wide, course N. 30° E.

7870 Spring branch, 2 lks.
wide, course N. 30° E.

7987 Intersect the Closing
Cor. of T. & N., R. 37
and 38 E.

Land level and
mountainous.

Soil, rich loam
and stony; 1st,
2nd and 3rd rate
Timber, pine, fir and
hemlock.

Undergrowth, buck
berry, mountain
laurel and small fire.

Mountainous land,
7987 chs.
Overcast at noon
prevented taking
the latitude.

FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by Charles C. Campbell, U. S. Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the re surveys of the exterior lines of Township No. 2 North, Range No. 37 East, Willamette Meridian, Oregon, showing the respective capacities in which they acted:

-, Compassman.
- Blyde W. Biddell....., Chainman.
- Roy J. Campbell....., Chainman.
-, Chainman.
-, Chainman.
- W. A. Burt Campbell....., Axman.
-, Axman.
-, Flagman.

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted Charles C. Campbell, U. S. Deputy Surveyor, in surveying all those parts or portions of the exterior lines of Township No. 2 North, Range No. 37 East, Willamette Meridian, Oregon, as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established according to the instructions furnished by the U. S. Surveyor-General of Oregon:

-, Compassman.
- Blyde W. Biddell....., Chainman.
- Roy J. Campbell....., Chainman.
-, Chainman.
-, Chainman.
- W. A. Burt Campbell....., Axman.
-, Axman.
-, Flagman.

Subscribed and sworn to before me, this thirtieth day of August, 1891.

[SEAL.]

Charles C. Campbell
U. S. Deputy Sur.

366A

State of Oregon)
)ss
County of Lane.)

I H.R. Kincaid County Judge of the
above named County and State , hereby certify that E.U. Lee
was a County Clerk and ex-officio Clerk of the Circuit Court
for Lane County , Oregon, on the 25~~th~~⁵th. day of February, A.D.
1902.

In witness whereof I have hereunto set my hand this
29th. day of September A.D. 1902.

H. R. Kincaid,

County Judge of Lane County, Oregon.

Fee .25 cents

FINAL OATH OF DEPUTY SURVEYOR.

I, Charles L. Campbell, United States

Deputy Surveyor, do solemnly swear that in pursuance of instructions received from Robert A. Habershon, U. S.

Surveyor-General for Oregon, bearing date of the Third

day of April, 1901, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the U. S. Surveyor-General for Oregon, the Manual of Surveying Instructions, and the laws of the United States, surveyed

all those parts or portions of the exterior lines of Township No. 2 North, Range No. 37 East,

Willamette Meridian, in the State of Oregon, which are represented in the foregoing field notes as having been surveyed by me and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions and the special written instructions of the U. S. Surveyor-General for Oregon, and in the specific manner described in the field notes, and that the foregoing are the true field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury, under the provisions of an act of Congress approved August 8, 1846.

Charles L. Campbell
U. S. Deputy Surveyor.

Subscribed by said Charles L. Campbell, U. S.

Deputy Surveyor, and sworn to before me this 8th

day of February, 1901

E. L. Lu
County Clerk

STATISTICAL

Office of U. S. Surveyor-General,

PORTLAND, OREG., *March 4*, 190*3*

The foregoing field notes of the survey of the *Re. East*

South and Part of the West
Boundaries of Township 2
North Range 37 East Willamette

executed by *Charles L. Campbell*
Oregon
U. S. Deputy Surveyor

under his contract No. *733*, dated _____

March 22, 190*1*, having been critically examined,

and the necessary corrections and explanations made, the said field

notes and the surveys they describe, are hereby approved.

Remy M. Nelson

U. S. Surveyor-General.