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Examined "I"
Received April 3rd 1902
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FIELD NOTES

Of the Survey of the Subdivision Lines of

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

Willamette Meridian, Oregon,

BY

Charles L. Campbell

Deputy Surveyor,

UNDER

his joint Contract No. 788 dated March 22, 1901

Survey commenced July 13, 1901

Survey completed August 8, 1901

Platted

Copied for Washington

Oct 18th 1902 by Carter

Page 34 Captain
 " 57 — " "
 " 70 — missionary (links d...)
 91 — Enter Scallumy
 links
 112 — See
 167 — See
 189 — description
 of Milk

FIELD NOTES

Of the survey of the Subdivision

Lines of Township No. 2 North,

Range No. 37 East, Willamette Meridian, Oregon,

as surveyed by Charles L. Campbell

U. S. Deputy Surveyor, under his ^{joint} contract No. 783

dated March 22, 1901

Survey commenced July 13, 1901

Survey completed August 8, 1901

NAMES AND DUTIES OF ASSISTANTS.

Blyde W. Biddell, Chainman.

Ray J. Campbell, Chainman.

_____, Chainman.

_____, Chainman.

W. A. Best Campbell, Axman.

_____, Axman.

_____, Flagman.

PRELIMINARY OATHS OF ASSISTANTS.

WE, Blyde 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 survey of the subdivision

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

Blyde W. Riddell, Chainman.

Roy J. Campbell, Chainman.

Chainman.

Chainman.

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

Charles L. Campbell

U. S. Dept. Sur.

[SEAL.]

WE, W. A. Burd 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 survey of the subdivision lines of
Township No. 2 North, Range No. 37 East,
Willamette Meridian, Oregon.

W. A. Burd Campbell, Axman.

Axman.

Flagman.

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

Charles L. Campbell

U. S. Dept. Surveyor

[SEAL.]

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R. & E.

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Meanders of Pages to

Subdivisions of T. & N., R. 37 C. - Con.

Chains

5 lks. dist., marked
T. & N., R. 37 C., S. 31, B. T.

A spruce, 12 in. diam.,
bears N. & W., 19 lks.
dist., marked T. & N.,
R. 37 C., S. 30, B. T.

Land, level and mountainous.
Soil, stony and sandy
loam; Erd and end rate.
Timber, pine, fir, spruce
lamarack and yew.
Undergrowth, mountain
laurel, willow, cherry
and huckle berry.
Mountainous or densely
overgrown land, 8000 lks.

N. of Sectional Correction
Line bet. sec. 30 and 31.
Over nearly level
land through heavy
timber and dense
undergrowth.

4000 Set Ironstone, 15 x 12 x 7
ins., 10 ins. in the
ground, for $\frac{1}{4}$ sec. cor.,

Subdivisions of T. & N., R. 27 E. - Con.

Chain marked $\frac{1}{4}$ on N. face
From which

A. J. W., 15 in. diam.,
bears N. 20° E., 142 lbs.
dist., marked $\frac{1}{4}$ S.
30, B. T.

A. J. W., 20 in. diam.,
bears S. 31° E., 127 lbs.
dist., marked $\frac{1}{4}$ S. 31,
B. T.

July 16: At this $\frac{1}{4}$
sec. cor., I set off
21° - 24' N. on the dial.
arc, and at 10^h - 06^m
p. m., l. m. t., observed
the sun on the
meridian, the
resulting lat. is 45°
37' which agrees
with the proper
lat.

40.25 Enter scattering
timber, bears N. and
S. descend steep
N. slope into S. Fork
Umatilla River.

40.60 Pack trail, course

Subdivisions of T. & N. R. & C. - Con.

Chain N. 10° W., S. 10° E.

49.50 Ravine, 50 ft. deep,
bear S. 70° W.66.75 Foot of hill, 400 ft.
below mountain
prairie, bear N. and S.66.95 S. Fork Umatilla River,
10 lbs. wide, swift
current, pure water,
course N. 10° W.Ascend steep E.
slope of mountain.77.50 More gradual
ascend.93.00 Enter heavy fir and
pine timber, bear
N. and S.95.00 Enter scattering timber,
bear N. W., S. E.96.50 Top of ridge, 400 ft.
above S. Fork Uma-
tilla River, bear
N. and S. descend.99.00 Enter heavy pine
timber, bear N.
and S.

100.54 Enter N. bdy. of

Subdivisions of T. & N., R. 37 C. - Con.

Chain T. & N., R. 37 C., 80 lbs.

S. of the cor. of sec.
25, 30, 31 and 36, which
is a post badly
decayed, marked
and witnessed as
described by the
surveyor general.
I destroy all marks
on old cor. pertaining
to T. & N., R. 37 C., and
set new post at
the exact cor. point.
I set fir post, 3 ft. long,
4 in. sq., 24 in. in
the ground, for cor.
of sec. 25 and 36.

Marked T. & N., S. 36 on
S. N. and R. 36 C., S. 25,
on N. N. faces; with
5 notches on N. and
1 notch on S. edges.
At the point of inter-
section
Set fir post, 3 ft. long,
4 in. sq., 24 in. in
the ground, for

Subdivisions of T. & N., R. & C. - Con.

Chain closing cor. of sec.
30 and 31, marked
C. C., T. & N., R. & C. on C.,
T. 31 on T., and
T. 30 on N. faces, with
5 grooves on N. and
1 groove on T. faces,
from which

1 tamarack, 12 in.
diam., bare N. 51° E.,
20 lbs. dist., marked
T. & N., R. & C., T. 30, B. T.

1 tamarack, 10 in.
diam. bare T. 50° E.,
20 lbs. dist., marked
T. & N., R. & C., T. 31, B. T.

Land, mountainous
and level.

Soil, stony and sandy
loam; old and 1st rate.

Timber, tamarack,
pine, fir and spruce.

Undergrowth, willow,
mountain laurel,

huckle berry and
small - fire.

Mountainous or

Subdivisions of T. & N., P. & E. - Cuv.

Chains 19, 20, 29 and 30

Land, mountainous.
Soil, stony and
loam; soft and end
rate.

Timber, fir, pine,
spruce and tamarack.
Undergrowth, small
fir, mountain
laurel and huckle
berry.

Mountainous land,
S. & E. & W.

W. on random line
bet. sec. 19 and 30.

40.00
40.00

Left temp. $\frac{1}{4}$ sec. cor.

100.65

Intersect W. body of

100.65

Tp. 35 & E. S. of
the cor. of sec.

19, 24, 25 and 30,
which is a basalt
stone, 20 x 12 x 10 ins.
loosely set in
mass of stone.
The bearing true as

Subdivisions of T. & N., R. 36 C. - Con.
 Chains described by the
 surveyor General
 have been destroyed.
 I reestablish the
 cor. at the same
 place as follows:
 Set basalt stone, 20 x 12
 x 10 in., 15 in. in
 the ground, for
 cor. of sec. 24 and 25,
 marked with 4
 notches on N. and 2
 notches on S. edge.
 From which

X
 A fir, 10 in. diam.,
 bears S. 15° W. 34
 lbs. dist., marked
 T. & N., R. 36 C. S. 25,
 B. S.

X
 A fir, 12 in. diam.,
 bears N. 50° W. 51
 lbs. dist., marked
 T. & N., R. 36 C., S. 24,
 B. S.

At point of intersection
 set iron stone, 20 x
 10 x 8 in., 15 in. in

Subdivision of T. & N., R. 37 E. - Con.

Chain the ground for closing cor. of sec. 19 and 20, marked C. C. on C. face; with 4 grooves on N. and 2 grooves on S. face.

From which a fir, 10 in. diam., bears N. 210 E., 69 lbs. dist., marked T. & N., R. 37 E., S. 19, B. F.

A fir, 36 in. diam., bears S. 430 E., 63 lbs. dist., marked T. & N., R. 37 E., S. 20, B. F.

Thence I run C. on true line bet. sec. 19 and 20 around steep E. slope through heavy timber and dense undergrowth.

91.10 Foot of mountain, 250 ft. below closing cor.

S. Fork Umatilla

Subdivision of T. & N., P. & G. Co.
Chains 19 and 20.

Land, mountainous.
Soil, stony and
rich loams; 4th and
1st rate.

Timber, fir, tamarack
and pine.

Mountainous land,
80.41 chs.

August 6: At this
sec. cor., set off
 $16^{\circ} 45' N.$ on the decl.
arc; and at 0^h 6^m
p. m. l. m. t., observe
the sun on the
meridian; the
resulting lat. is
 $45^{\circ} 39'$ which is
about 0.2 greater
than proper lat.

XX

W. on random line
bet. sec. 18 and 19.

40.00
4.000
100.85
100.85

Set temp. $\frac{1}{4}$ sec. cor.
Intersect W. bdy. of T. & N.
4.44 chs. S. of the "

172

432

Subdivisions of T. & N., R. 37 C. Con.

Chains cor. of sec. 18, 15, 19
and 24, described
heretofore.

I destroy all marks
on old cor. pertaining
to the survey C. T.
At point of intersec-
tion set basalt stone
15 x 10 x 8 in., 10 in.
in the ground,
for closing cor. of
sec. 18 and 19,
marked C. C. on C.
fence, with 3 grooves
of N. and S. faces.
From which

A fur, 10 in. diam.,
bear. N. 89° E., 15
lks. dist., marked
T. & N., R. 37 C., S. 18, B. T.

A fur, 10 in. diam.,
bear. S. 87° E., 11 lks.
dist., marked T.
& N., R. 37 C., S. 19, B. T.

Thence I run
C. on true line bet.
sec. 18 and 19.

Subdivisions of T. & N., R. & E. Co.

Chain around steep N. slope of mountain through scattering timber.

23.00
23.00

Top of ridge, 400 ft. above closing cor. bears N. W. and S. E.

25.50
25.50

Enter heavy timber and dense undergrowth, bears N. and S.

42.50
42.50

Descend gradually. Creek, 3 lks. wide, course N. 60° W.

Ascend S. W. slope of ridge, bears N. W. S. E.

55.00
55.00

Top of ridge, 200 ft. above creek, bears N. and S.

60.85
60.85

A fir, 10 in. diam., for $\frac{1}{4}$ sec. cor., mark $\frac{1}{4}$ S. 18 on N. and $\frac{1}{4}$ S. 19 on S. face. From which a fir, 10 in. diam., bears N. 80° W., 34

Subdivisions of T. & N., R. 2 & 3. - C. M.

- Chain
- like dist. marked
 $\frac{1}{4}$ S. 18, B. T
 A fir, 24 in. diam.,
 bare S. 61° W., 34
 like dist. marked
 $\frac{1}{4}$ S. 19, B. T
- 70.65 Spring branch, 2 like
 wide, in ravine 50
 ft. deep, course N. W.
- 90.85 Top of ridge, 400
 ft. above creek,
 bare N. and S.
 descend steep E.
 slope.
- 100.85 The cor. of sec. 17,
 18, 19 and 20.
 Land, mountainous.
 Soil, stony and loam;
 good and good rate.
 Timber, fir, pine
 and tamarack.
 Undergrowth, huckle
 berry and mountain
 laurel.
 Mountainous land,
 100.85 etc.

150440

Subdivisions of T. & N., R. 27 E. - Con.

Chain of mountain, bears
W. and S.

79.95 Ravine, 150 ft. deep
course N. 60° E. A
large spring just
below line.

79.90 The cor. of sec. 7, 8,
17 and 18.
Land, mountainous
soil, loam and stony
sand and red soil.
Timber, pine, fir,
spruce and tamarack.
Mountainous land,
79.90 che.

August 7, 1901.

W. on random line,
bet. sec. 7 and 18.

4000 Set temp. 1/4 sec. cor.
100.97 Intersect W. side of
of Sp. 450 che. S.
of the cor. of sec.
9, 12, 13 and 18. Estab-
lished by me
June 18, 1901.
I destroy all marks

Subdivisions of T. & N., R. 27 E. - Cor.

Chains on said cor. per-
taining to the sur-
vey Town the C.

Aft point of intersec-
tion set Ironstone,
20 x 10 x 10 in. 15 in.
in the ground,

for closing cor. of
sec. 7 and 18,
marked C. C. on C.
face; with 2 grooves
on N. and 4 grooves
on S. face. From which

Q per, 12 in. diam,
bear N. 65° E., 59 lbs.
dist. marked T. &
N., R. 27 E., S. 7, B. 5.

Q tamarack, 15 in.
diam, bear S. 70° E.,
55 lbs. dist. marked
T. & N., R. 27 E., S. 18
B. 5.

Thence I run
East on true line,
bet. sec. 7 and 18.
Over well bottom,
subject to inunda.

Subdivision of T. & N., R. 2 & E. - Cor.

Chains top of ridge.
> 1.00 Creek, 20 lbs. wide,
71.00 swift current,
course N. 10° E.

> 6.25 Ridge point, bears
76.25 N. 30° E.

Through heavy
timber, bears N.
and S.

80.19 The cor. of sec.
80.19 5, 6, 7 and 8.

Land, mountainous.
Soil, stony; red
silt.

Timber, fir, pine,
spruce and cotton-
wood.

Undergrowth,
mountain laurel
and small fir.

Mountainous land,
80.19 ch.

Now random
line bet sec. 6
and 7.

190

450

Subdivisions of T. & N., R. & C. - Cor.

Chain

4000
 101.01
 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. body of
 T. & N. 4.20 ch. P. of
 the cor. of sec. 6,
 T. and 12, estab-
 lished by me
 June 15, 1901.

I destroy all marks
 on said cor. per-
 taining to the
 survey C.
 At point of inter-
 section set basalt
 stone 15 x 12 x 4 in.,
 10 in. in the
 ground for closing
 cor. of sec. 6 and
 7. Marked C. C. on
 N. face; with 1
 groove on N. and
 5 grooves on S. face.
 From which

A fir, 12 in. diam,
 bare N. 310 C., 45-
 lbs. dist., marked
 T. & N., R. & C., S. 6, B. T.

Subdivision of T. & N., R. & C. - Cross
 Chains No other tree in
 limits. I mark

P. Q. on ledge $4 \times 3 \times$
 $2 \frac{1}{2}$ ft., which bears
 $S. 30^{\circ} E.$, 45 lbs. dist.
 Stone mound and
 pile impracticable.

Thence I run
 east on true line
 bet. sec. 6 and 7.

ascend steep pre-
 cipitous N. slope
 of ridge, through
 scattering timber.

2750 Top of ridge point
 300 ft. above closing
 cor., bears N. and P.
 descend E. slope.

5480 Ravine, 200 ft. deep,
 course $S. 45^{\circ} W.$

Spring just below
 line.

ascend through
 very scattering timber

6101 Soft ironstone, $28 \times$
 24×10 ins. in mound
 of stone, for $\frac{1}{4}$ sec.
 4

FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by Charles L. Campbell, U. S. Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the surveys of the Subdivisional lines of Township 2 N, Range 37 E, Willamette Meridian, Oregon, showing the respective capacities in which they acted:

- Blyde W. Riddell, Compassman.
- Blyde W. Riddell, Chainman.
- Roy T. Campbell, Chainman.
- W. A. Burd Campbell, Chainman.
-, Axman.
-, Axman.
-, Flagman.

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted Charles L. Campbell, U. S. Deputy Surveyor, in surveying all those parts or portions of the Subdivisional lines of Township 2 N, Range 37 E, 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. Riddell, Chainman.
- Roy T. Campbell, Chainman.
-, Chainman.
-, Chainman.
- W. A. Burd Campbell, Axman.
-, Axman.
-, Flagman.

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

Charles L. Campbell
U. S. Deputy Sur.

[SEAL.]

FINAL OATH OF DEPUTY SURVEYOR.

467

I, Charles L. Campbell, United States

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

Surveyor-General for Oregon, bearing date of the third

day of April, 1902, 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 subdivision 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, 1902

[Signature]
County Clerk

SUBMITTED TO THE
COMMISSIONER OF THE
LAND OFFICE

468
834

Office of U. S. Surveyor-General,

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

The foregoing field notes of the survey of the _____

*Subdivisional Lines of
Township 2 North Range
37 East Will Mer Oregon*

executed by *Charles L. Campbell*
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.

Kerry Alderson
U. S. Surveyor-General.