

*Platted*  
*Examined* "J"  
*Recd. April 3<sup>d</sup> 1902*  
*J253*

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 18<sup>th</sup> 1902 by Carter*



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



# 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 <sup>joint</sup> 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

[SEAL.] Charles L. Campbell  
U. S. Dept. Sur.

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

[SEAL.] Charles L. Campbell  
U. S. Dept. Surveyor



# INDEX

REFERRING THE LINES TO THE PAGES OF THE FIELD NOTES.

T. & M.

R. & E.

Will. Mer.

6	198	5	148	4	117	3	85	2	55	1
189	187	144	114	83	52					
7	184	8	141	9	111	10	80	11	44	12
180	178	139	107	78	46					
18	175	17	135	16	104	15	75	14	42	13
171	168	132	101	71	40					
19	166	20	130	21	95	22	67	23	36	24
161	158	127	96	65	33					
30	155	29	123	28	93	27	61	26	32	25
21	15	15	12	9	6					
31	151	32	120	33	89	34	58	35	28	36

Meanders of ..... Pages ..... to .....

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. &amp; N., R. 27 E. - Con.

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

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

A pin, 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<sup>h</sup> - 06<sup>m</sup>  
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. &amp; N. R. &amp; 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

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

100.65

Intersect W. body of

100.65

Tr. p. 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. 24  
 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<sup>h</sup> 6<sup>m</sup>  
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.



SEE 433

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 1/4 sec. cor., mark 1/4 S. 18 on N. and 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 best 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. & C. - Cor.

Chains on said cor. pertaining to the survey for the C.

Aft point of intersection set Ironstone, 20 x 10 x 10 in. 15 in. in the ground,

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

Q. pin, 12 in. diam. bears N. 65° E., 59 lbs. dist., marked T. & N., R. & C., S. 7, B. I.

Q. tamarack, 15 in. diam., bears S. 70° E., 55 lbs. dist., marked T. & N., R. & C., S. 15 B. I.

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  
sate.

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 Set temp.  $\frac{1}{4}$  sec. cor.  
101.01 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. 1.



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 Cross  
 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,  $28 \times$   
 $24 \times 10$  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 8<sup>th</sup>

day of February, 1902

[Signature]  
County Clerk

SUNL...  
NO 1011



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.