

Platted

Revised April 3<sup>rd</sup> 1902  
J.

281

# 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 <sup>re</sup> 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 <sup>re</sup> 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

[SEAL.]

Charles L. Campbell  
U. S. Dept. Surveyor

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 <sup>re</sup> 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

[SEAL.]

Charles L. Campbell  
U. S. Dept. Surveyor

# INDEX

REFERRING THE LINES TO THE PAGES OF THE FIELD NOTES.

*Township No. 2 North, Range No. 37 East, Will. Mer.*

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128  
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9*

*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 T. bdy. T. & N., R. & E. - Con.  
Chaine mountainous.

Soil, sandy loam;  
1st, and 2nd and 3rd  
cals.

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

Undergrowth, moun-  
tain laurel, wild  
cherry, small pine  
and huckle berry.  
Mountainous and  
heavily timbered lands  
80.19 che.

July 11: At <sup>4 m</sup> 3-50 p.  
m., l. m. t., I set  
off 45°-36' on the  
lat; 22°-08' N. on the  
decl. arc; and  
determine a true  
meridian with  
the solar at the  
cor. of rice. 5, 6, 81  
and 82.

Thence Drive

Resurvey today, P.M. P. 87 C. - C.M.

- Chance S. 89° 17' W. on old township line bet. sec. 6 and 31. descend through fresh burn over rolling ground.
- 2.50 Enter heavy timber, bear N. and S.
- 6.50 Enter dense undergrowth, bear N. and S.
- 12.00 Dry bed of stream in ravine, 50 ft deep, course N. 10° W.
- 20.00 Top of rise, 50 ft high, bear N. and S.
- 40.00 Intersect  $\frac{1}{4}$  sec. cor. which is a post, badly decayed, marker obliterated, and bearing true missing. I re-established the old cor. in the same place as follows: Set a basalt stone, 15 x 12 x 6 ins., 10 ins. in the ground, for

Resurvey S. body T. & N. R. & E. - Cor.

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

A fir, 46 in. diam.,  
 bears N.  $40^{\circ}$  E., 66 k.  
 dist., marked  $\frac{1}{4}$   
 S. 61, B. T.

A fir, 26 in. diam.,  
 bears S.  $16^{\circ}$  E., 69 k.  
 dist., marked  $\frac{1}{4}$   
 S. 31, B. T.

S.  $89^{\circ}$  26' W.

42.25 Spring branch, in  
 ravine 50 ft. deep,  
 course N.  $10^{\circ}$  E.

61.00 Through dense  
 thickets of alder  
 and fir on N.  
 slope of Black Mt.  
 ascend gradually.

75.00 Spring branch,  
 2 k. wide, course  
 N.

Steeper ascent.

82.00 Leave dense  
 thickets and fir  
 timber bears N and S.



Resurvey T. body. T. & N., R. 37 E. - 1 mi.

Chains

- 84.00 Top of rise, 100 ft. above creek, bears N. W. and S.
- 84.75 Buck Mt pack trail, bears N. 80° W., S. 80° E.  
descend gradually over plateau through scattering timber.
- 97.25 Leave plateau bears N. W., S. E. and descend along S. slope through scattering timber and dense undergrowth.
- 100.15 Intersect the cor. of Tps. 1 and 2 N., R. 36 and 37 E. which is a post almost rotted away, marks obliterated, and witnessed as described by the surveyor's general with the exception

Resurvey T. & M., R. & E. - Con.  
 Chain of the N. E. bearing  
 line which bears  
 N. 82° E., 15 lks. dist.  
 instead of N. 71° E., 91  
 lks., as described  
 by the surveyor  
 journal. A set  
 basalt stone, 24 x 20  
 x 5 ins., 5 ins. in the  
 ground, at the same  
 point, for cor. of Tps.  
 1 and 2 N., R. 86 and  
 87 E., marked with  
 6 notches on each  
 edge.

Land, rolling and  
 mountainous  
 soil, loam, 1st and  
 2nd rate.

Timber, pine, fir  
 and hemlock.

Undergrowth, alder,  
 small pine, huckle  
 berry and vine  
 maple.

Mountainous or  
 heavily timbered land

348  
8888

Resurvey S. bdy. T. 2 N., R. 27 E. - Con.  
Chain to rocks.

Overcast at noon  
prevented taking  
the latitude.

June 11, 1901.

Resurvey H. body. To N., P. & E. - Con.  
 Chain August 12: At  
 7<sup>h</sup> 50<sup>m</sup> a.m., l.m.t.  
 I set off  $45^{\circ} 36'$  on  
 the lat arc;  $15^{\circ} 05'$   
 N. on the decl. arc;  
 and determine a  
 true meridian with  
 the solar at the  
 cor. of Sp. 1 and 2 N.  
 Re. 06 and 07 E., de-  
 scribed heretofore.  
 Thence I run  
 North on blank  
 line bet. sec. 01  
 and 06. At 40.80  
 chs. intersect old  $\frac{1}{4}$   
 sec. cor. and at 79.90  
 chs. intersect the  
 closing cor. of sec.  
 00 and 01 and at  
 80.70 chs. intersect  
 the old cor. of sec.  
 25 and 06. At 121.07  
 chs. the  $\frac{1}{4}$  sec. cor.  
 bear N.  $14^{\circ}$  chs. dist.;  
 at 159.55 chs. the  
 closing cor. of sec. 19

Resurvey of the body of T. & N., R. 37 E. - Con-  
 Chams and 30 bears N. 10 lbs.  
 dist. and at 163.07  
 che. the old cor.  
 of sec. 24 and 25 bears  
 N. 10 lbs. dist. at  
 203.45 che. the old  
 1/4 sec. cor. bears C.  
 74 lbs. dist.; at  
 239.18 che. the closing  
 cor. of sec. 19 and 20  
 bears C. 14 lbs. dist.  
 and at 243.62 che.  
 The old cor. of sec.  
 13 and 24 bears C. 14  
 lbs. dist. Therefore  
 the W. body of T. & N.,  
 R. 37 E. bet. sec. 31 and  
 36; 25 and 30; and 19  
 and 24 is defect-  
 ive in measurement.  
 Since the township  
 of the W. has been  
 subdivided  
 I resurvey the  
 first three miles  
 of the range line  
 bet. Tps. 2 N., R. 36

~~Resurvey of bdy. T. & N., R. 87 E. - C.W.~~  
 Chain and 37 E. as follows:

Commence at the  
 cor. of Tpe. 1 and 2  
 N., R. 86 and 87 E.  
 described heretofore.

Thence I run  
 North bet. sec.

31 and 36 or old  
 township line.

Around S. slope of  
 ridge through  
 heavy timber and  
 dense undergrowth.

3. 50 Leave timber and  
 undergrowth and  
 pass over rocky  
 prairie, bear E. and  
 W.

10.00 Top of ridge, 100  
 ft. about Tpe. cor.  
 bear E. and W.  
 around N. slope  
 of mountain.

11.00 Steeper descent  
 through heavy  
 pine and fir  
 timber, bear E. and W.

Resurvey of body. P. & N., R. & E. Corners  
Chains

33.00 Enter dense undergrowth, bear E. and W.

40.30 Intersect the old  $\frac{1}{4}$  sec. cor. which is a post, badly decayed, marks obliterated and witnessed or described by the surveyor general. I set a tamarack post 3 ft. long, 3 in. sq, 4 in. in the ground, at the same point, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  S. 3604  
The W. and  $\frac{1}{4}$  S. 3104  
The E. face.

45.00 Enter scattering timber, bear E and W.

46.15 John Smith's pack trail, bear E and W.

Rearview St. bdy. S. & N. R. 27 C. - Con.

Chains Over level bench.

60.00  
60.00

Around gradually  
through heavy  
timber and dense  
undergrowth, bears

79.90 E and N. 80° W.

79.90 Intersect the doc-  
ing cor. of sec.

80.70 8 and 8 established  
by me July 16, 1901.

80.70 Intersect the old  
cor. of sec. 25 and  
86 described here-  
tofore.

Land mountainous.  
Soil, loam and  
stony; 1st, end and  
2nd rate.

Timber, pine, fir,  
tamarack and  
spruce.

Undergrowth,  
mountain laurel,  
yew, vine maple  
and huckle berry.

Mountainous land  
80.70 etc.



Resurvey W. bdy. T. 2 N., R. 37 E. - Cor.  
Chain Overcast at noon  
prevented taking  
latitude.

August 12, 1901.

August 13: at 7<sup>45</sup> 50  
a.m., L.M.T., I  
set off  $45^{\circ} 37'$  on  
the lat arc;  $14^{\circ} 48'$   
N. on the decl.  
arc; and determine  
a true meridian  
with the solar  
at the cor. of sec.  
25 and 36.

Thence run

N.  $0^{\circ} 12'$  W. bet. sec  
25 and 30 on old  
township line.

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

4.00

Foot of hill, 50  
ft. below old  
sec. cor.

Resurvey N. bdy. P. 2 N., R. 27 E. - Con.  
 Chain Spring - branch 2 lbs.  
 wide, course N. E.  
 Around hill, bear  
 N. E., S. W.

21.00

21.00 Leave timber and  
 undergrowth, bear  
 N. E., S. W.

25.00

25.00 Top of rise, 100  
 ft. above creek,  
 bear N. 30 W., S. 30 W.

40.37

40.37 Intersect the old  
 1/4 sec. cor. which  
 is a post set  
 loosely in a mound  
 of stone, marked  
 and witnessed  
 as described by  
 the surveyor Gen-  
 eral. Dissect the  
 post in a mound  
 of stone and take  
 new bearing true  
 since the old bear-  
 ing tree is dead.

Mark

A fir, 16 in. diam.,  
 bear S. 44° E., 216

Returning to body T. & N., P. 27 E. Cor.  
Chains like dist., marked

$\perp$  S 30, B. T.

The fir, 10 in. diam.,

bears S. 27° W., 100

like dist., marked

$\perp$  S 25, B. T.

Thence down

N 0° - 3' E.

50.60 Abrupt descent  
into deep canyon.  
Through scattering  
timber and under-  
growth.

> S. 88 Intersect the closing  
cor. of sec. 19 and  
30 established by  
me August 5, 1907.

S. 2. v > Intersect the cor.  
of sec. 24 and 25,  
described heretofore.  
Land, mountainous  
soil, stony; erd rate.  
Timber, fir, pine  
and lamarack.  
Undergrowth,  
small fir, laurel,  
huckle berry and

Resurvey N. bdy. T. 2 N., R. 3 E. Con.  
Chain wild cherry.

Mountainous land,  
S 2. 37 ch.

August 18: at this  
cde., I set off  $14^{\circ}$   
 $45' N.$  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  $45^{\circ} 38'$  which  
is  $0.1'$  greater than  
the proper lat.

---

21

N.  $0^{\circ} 75' E.$  bet. sec.  
19 and 24 on old  
township line  
descend into deep  
canyon of Unatilla  
River, through heavy  
timber and dense  
undergrowth.

14.20

14.20

Foot of mountain  
 $1500$  ft. below  
plateau.

Resurvey N. vdy. T. & N., R. 37 E. - Con.  
Chain S. Fork Umatilla  
River, 20 lbs. wide,  
swift current,  
stony bottom, pure  
water, course  
N. 70° W.

Ascend along steep  
N. slope of Snow-  
tam, bear N. 20° W.,  
S. 20° E.

35.75 Leave timber and  
undergrowth, bear  
E. and W.

40.44 Intersect old  $\perp$  sec.  
cor. which is a  
basalt stone, 8 x 7 x  
6 in. above ground  
marked  $\perp$  on W.  
face, and witnessed  
by mound of stone.  
As described by  
surveyor general  
Gloucester from  
North bet. sec. 19  
and 24

42.00 Top of branch ridge  
bear E. and W.

Resurvey N. edge T. & N. R. & E. - Cor.

Chains descend through heavy timber and dense undergrowth, bears N. 80° W and E.

61.15  
61.15 Creek, 10 lbs. wide, in ravine 200 ft. deep, course W.

Ascend over irregular W. slope.

73.75  
73.75 Top of rise bears E and W.

Descend along steep W. slope.

76.11  
76.11 Intersect the closing cor. of sec. 18 and 19 established by me August 7, 1901.

80.55  
80.55 Intersect the cor. of sec. 18 and 24 described heretofore.

Land, mountainous. Soil, stony; red and 4th rate. Timber, fir, pine, lamarack, spruce,

Survey St. body. P. & N. R. S. C., Conn.

Chains alder and yew.

Undergrowth, small  
fir, mountain  
laurel, huckle berry  
vine maple and  
yew.

Mountainous land,  
80.55 ac.

August 13, 1901.

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Resurvey of S. bdy. T. 2 N., R. 37 E. - Con

Boundaries of T. 2 N., R. 37 E.

Latitudes, Departures, Closing Errors.

Line	Bearing	Dis.	Latitudes & Deps.			
			N.	S.	E.	W.
		Chs.	Chs.	Chs.	Chs.	Chs.
S. bdy.	Irregular	500.82		500.48		500.82
W. "	"	481.76	481.76		500.14	
N. "	S. 89° 44' E	500.12		2.36	500.12	
E. "	Irregular	479.58		479.58	500.53	
Convergence					170.73	
Totals			481.76	482.42	501.52	500.82
				481.76	500.82	
Errors in Lat. and Deps.				.66		.70
				Lat.		Dep.

General description

This township is very mountainous in the northern part, but some of the high ridges



Resurvey of T. & N. R. & C. Co.

Consist of broad level stretches of arable land. The southern half embrace several large prairie. Water is very abundant. There are good patches of heavy pine, fir and lamarack timber scattered here and there. The entire region is covered with a fine quality of pine land & bunch grass. This township should be subdivided.

Charles L. Campbell,  
U. S. Dept. Surveyor.

Note: No person authorized to administer oaths

Resurvey N. bdy. T. 2 N., R. 37 E. - Cor.

To the best of my  
selfie available  
without great  
delay and expense,  
therefore I administer  
the required pre-  
liminary and final  
oaths.

Charles L. Campbell,  
U. S. Dept. Surveyor.

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.



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 8<sup>th</sup>

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.