

FIELD NOTES.

On the survey of the *Subdivisional*
 Lines of *Township 4 North*
Range 38 East - Willamette Meridian,
 Oregon, as surveyed by *Frank W. Campbell*
 U. S. Deputy Surveyor, under his Contract No. *468*
 dated *April 12*" 1883

Survey commenced *September 16* 1883

Survey completed *September 23* 1883

NAMES AND DUTIES OF ASSISTANTS.

....., Compassman.
John S. Guttridge , Chainman.
 , Chainman.
Frank Ellis , Chainman.
 , Chainman.
Cary N. Matlock , Axeman.
 , Axeman.
 , Flagman.

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PRELIMINARY OATHS OF ASSISTANTS.

We, John S. Guttridge and
Frank Ellis

do solemnly swear that we will faithfully execute the duties of Chain Carriers, 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 will assist in measuring, to the best of our skill and ability, and in accordance with the instructions given us in

the survey of the Subdivisional lines of Township 4 N.
Range 38 E Willamette Meridian, Oregon.

John S. Guttridge, Chainman.

Frank Ellis, Chainman.

_____, Chainman.

_____, Chainman.

Subscribed and sworn to before me, this 25th

day of August 1883

[SEAL.] Frank W Campbell
U.S. Deputy Surveyor

We, _____ and

Cary N. Matlock, do solemnly swear that we will well and truly perform the duties of Axemen 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 _____
Willamette Meridian, Oregon.

Cary N. Matlock, Axeman.

_____, Axeman.

Subscribed and sworn to before me, this 25th

day of August 1883

[SEAL.] Frank W Campbell
U.S. Deputy Surveyor

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Referring the Lines to the Pages of the Field Notes.

T. 40 R. 38 E Will. Mer.

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Subdivision of T. 4 N R. 38 E 771

Willamette Meridian, Oregon.

Preliminary to commencing this survey I run north on a blank line on the east boundary of sec 36 and at 3997 chs found the $\frac{1}{4}$ sec cor and at 80 chs the sec cor I then run west on a blank line on the south boundary of sec 36 and at 3995 chs found the $\frac{1}{4}$ sec cor and at 7990 chs found the sec cor my compass will therefore run the same line as the exterior boundaries and the chaining practically agrees
Survey begun September 16th 1883
with a Burt's Improved Solar
Compass

I begin at the cor to secs 1, 2, 35 & 36 on the south boundary of the township which is a stone

774
 Subdivision of T. 4 N R. 38 E

Willamette Meridian, Oregon.

Cast on random line bet secs 25 & 36
 va 21° E

4000 Set a temporary $\frac{1}{4}$ sec cor

7977 Intersect E boundary of township
 at the cor to secs 23, 30, 31 & 36
 which is a post 4 ins square
 marked T 4 N S 30 on N E R 39 E S 31
 on S E R 38 E S 36 on S E and S 25
 on N W faces with 1 notch on S
 and 5 notches on N edges from which
 A fir 16 ins dia bears $N 84^{\circ} E 33$ ms
 dist marked T 4 N R 39 E S 30 B T
 A fir 15 ins dia bears $S 38^{\circ} E 64$ ms
 dist marked T 4 N R 39 E S 31 B T
 A fir 12 ins dia bears $S 67^{\circ} W 50$ ms
 dist marked T 4 N R 38 E S 36 B T
 A pine 11 ins dia bears $N 61^{\circ} W 11$ ms
 dist marked T 4 N R 38 E S 25 B T

Thence run

West on true line between secs
 25 and 36 with same va

778

Subdivision of T. 4 N R. 38 E

Willamette Meridian, Oregon.

Cast on random line bet secs 24 & 25
 Va $21^{\circ}45'$ E

Descend 200 ft

4000 Set temporary $\frac{1}{4}$ sec cor

Descend 200 ft

4900 Creek 100ms wide runs S E

Ascend 400 ft

7400 Top of ridge course NW & SE

7982 Intersect E boundary of township
 at the cor to secs 19, 24, 25 & 30

which is a post 4 ins square
 marked T 4 N S 19 on NE R 39 E

S 30 on SE R 38 E S 25 on SW

and S 24 on NW faces with

2 notches on S. and 4 notches
 on N edges from which

A Spruce 18 ins dia bears $N 50^{\circ} E$ 54 ms

dist marked T 4 N R 39 E S 19 B 1

A Fir 12 ins dia bears $S 50^{\circ} E$ 25 ms

dist marked T 4 N R 39 E S 30 B 1

A Fir 8 ins dia bears $S 26^{\circ} W$ 31 ms

Subdivision of T. 4 N R. 38 E 779

Willamette Meridian, Oregon.

dist marked T4N R38E S23 BT

Tamarack 9 ins dia bears N 56° W 13 Ms

dist marked T4N R38E S24 BT

Thence Iron

Nest on true line between secs

24 & 25 with same iron

3991 Set a basalt stone 18 x 15 x 5 ins 12

ins in ground for $\frac{1}{4}$ sec cor marked

$\frac{1}{4}$ on face from which

A fir 10 ins dia bears N 40° W 55 Ms

dist marked $\frac{1}{4}$ S BT

A fir 20 ins dia bears S 64° E 25 Ms

dist marked $\frac{1}{4}$ S BT

7982 The cor to secs 23, 24, 25 & 26

Land mountainous densely

covered with forests of pine

fir and tamarack 7982 chs

Thick undergrowth pine fir

and buckbrush 7982 chs

Soil gravelly 3d rate

782

Subdivision of T. 4 N R. 38 E

Willamette Meridian, Oregon.

Cast on random line bet secs 13 & 24
 Va $21\frac{3}{4}^{\circ}$ E

3675 Brook 4 Ms wide runs S E

4000 Set temporary $\frac{1}{4}$ sec cor7968 Intersect E boundary of township
 at the cor to secs 13, 18, 19 & 24

which is a post 4 ins square
 marked S 18 on N E S 13 on N W S 24

on S W T 4 N R 39 E S 19 on S E faces
 with 3 notches on N & S edges

from which

A pin 6 ins dia bears $N 52^{\circ} E$ 31 Ms

dist marked T 4 N R 39 E S 18 B T

A pin 10 ins dia bears $S 45^{\circ} E$ 34 Ms

dist marked T 4 N R 39 E S 19 B T

A tamarack 10 ins dia bears $S 31^{\circ} W$

13 Ms dist marked T 4 N R 38 E S 24 B T

A tamarack 8 ins dia bears $N 18^{\circ} W$ 31

Ms dist marked T 4 N R 38 E S 13 B T

Thence run

West on true line between secs

13 & 24 with same va

FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by Frank
W. Campbell, U. S. Deputy Surveyor, to assist in
 running, measuring and marking the lines and corners described in the foregoing field
 notes of the survey of the
Subdivisional lines of Township 4 North
Range 38 East Willamette Meridian, Oregon,
 showing the respective capacities in which they acted:

- John S. Guttridge, Compassman.
- John S. Guttridge, Chainman.
- Frank Ellis, Chainman.
- Frank Ellis, Chainman.
- Carey W. Matlock, Chainman.
- Carey W. Matlock, Axeman.
- Carey W. Matlock, Axeman.
- Carey W. Matlock, Flagman.

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted Frank W.
Campbell, U. S. Deputy Surveyor, in surveying all
 those parts or portions of the
Subdivisional lines of Township 4 N.
Range 38 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.

- John S. Guttridge, Compassman.
- John S. Guttridge, Chainman.
- Frank Ellis, Chainman.
- Frank Ellis, Chainman.
- Frank Ellis, Chainman.
- Carey W. Matlock, Chainman.
- Carey W. Matlock, Axeman.
- Carey W. Matlock, Axeman.
- Carey W. Matlock, Flagman.

Subscribed and sworn to before me, this 17th day of
November 1883

[SEAL] Frank W. Campbell
U.S. Deputy Surveyor

FINAL OATH OF DEPUTY SURVEYOR.

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I, Frank W. Campbell

United States Deputy Surveyor, do solemnly swear that in pursuance of

instructions received from James C. Tolman

U. S. Surveyor General for Oregon, bearing date of the 12

day of April, 1883, I have well, faith-

fully and truly, in my own proper person, and in strict conformity with the instructions furnished by the U. S. Surveyor General for Oregon, the Surveying Manual, and the Laws of the United States, surveying all those

parts or portions of Subdivisional lines

of Township 4 N. R 38 East

Willamette Meridian, in the State of Oregon, as 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 Surveying Manual, Printed Instructions, 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 8th, 1846.

Frank W. Campbell

U. S. Deputy Surveyor.

Subscribed and sworn to before me, this 18

day of October 1883

H. F. Burlingh

Notary Public for Oregon

STATE OF OREGON

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OFFICE U. S. SURVEYOR GENERAL,

Portland, Oregon, *Jan'y 7,* 1884

The following Field Notes of the Survey of the
Subdivisions of T. H. N. R. 38 E.,
Will. Mex., Oregon —

executed by *Frank W. Campbell*

under his Contract No. 468, dated *12th*

April, 188*3*, having been critically examined,

the necessary corrections and explanations made, the said

Field Notes and the survey they describe are hereby approved.

James C. Tolman
Surveyor General.