

FIELD NOTES.

On the survey of the Exterior
 Lines of T5S. R29E. T6S. R32, 33 & 34 E. T9S.
R33 & 34 E. T8S. R33 & 34 E. T7S. R33 & 34 E Willamette Meridian,
 Oregon, as surveyed by Frank W Campbell
 U. S. Deputy Surveyor, under his Contract No. 468
 dated April 12" — 1883

Survey commenced April 28" — 1883

Survey completed July 17" — 1883

NAMES AND DUTIES OF ASSISTANTS.

-, Compassman.
-, Chainman.
-, Chainman.
- John S. Sutcliffe....., Chainman.
- Frank Ellis....., Chainman.
- Cory W. Wetlock....., Axeman.
-, Axeman.
-, Flagman.

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 Exterior lines of T. 5 S. R. 29 E. T. 6 S.
R. S. 32, 33 & 34 E. T. 9 S. R. S. 33 & 34 E. & T. 8 S.
R. S. 33 & 34 E. & T. 7 S. R. S. 33 & 34 E. Willamette Meridian, Oregon.

John S. Guttridge, Chainman.

Frank Ellis, Chainman.

_____, Chainman.

_____, Chainman.

Subscribed and sworn to before me, this Eighteenth

day of April 1883

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

J. Carey W. Matlock and

_____, 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

T. S. 7 in the survey of the Exterior lines of T. 5 S. R. 29 E. T. 6 S. R. S. 32, 33 & 34 E.
8 & 9 S. R. S. 33 & 34 E. Willamette Meridian, Oregon.

Carey W. Matlock, Axeman.

_____, Axeman.

Subscribed and sworn to before me, this Eighteenth

day of April 1883

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

Exteriors of T. 6 S R. 32

Willamette Meridian, Oregon.

E. bdy.

I begin at the established cor.
to Tps. 6 & 7 S Rgs. 32 & 33 E.
which is a post 5 ins. square
marked T. 6 S S. 36 on N. W.
R. 32 E. S. 1 " S. W.
" S. 31 " N. E.
R. 33 E. S. 6 " S. E.

faces; with 6 notches on each edge.
from which

A tamarack 18 ins. dia. brs.

N. 8° W. 34 lks. dist. marked

T. 6 S R. 32 E. S. 36 B. T.

A pine ²⁰20 ins. dia. brs. N. 76° E. 31 lks.

dist. marked T. 6 S R. 33 E. S. 31 B. T.

A pine ²⁷24 ins. dia. brs. S. 27° E. 14 ⁵5 lks.

dist. marked T. 7 S R. 33 E. S. 6 B. T.

A pine ³⁷26 ins. dia. brs. S. 37° W. 27 ²⁷ lks.

dist. marked T. 7 S R. 32 E. S. 1 B. T.

Thence I run

North bet. secs. 31 and 36

Var. 20° E.

25.10 Brook 3 lks. wide course S W

Extensions of T. 7S bet. R. S 33 & 34 E

Willamette Meridian, Oregon.

North bet. Secs 1 & 2

2a 18° E

40.00 A point - about 500 ft. above last-
Sec. cor facing West -
Set a basalt stone 16 x 12 x 12 ins. 110ms
in the ground for $\frac{1}{4}$ Sec. cor
marked $\frac{1}{4}$ S. B. T. from which
A fir 15 ms diam. bears S 30° W. 26 lks. dist.
marked $\frac{1}{4}$ S. B. T.

A fir 24 ms diam. bears S 50° E 16 lks. dist.
marked $\frac{1}{4}$ S. B. T.

77.00 Creek 8 lks wide runs S. W.

80.00 Set a basalt stone 12 x 12 x 12 ins 8 ms
in the ground for cor to
Tps 6 & 7 S R 33 & 34 E. marked
with 6 notches on the N. S. E & W.
edges. from which

A spruce 10 ms diam. bears N 71° E. 27 lks. dist.
marked T 6 S R 34 E S 31 B. T.

A tamarack 15 ms diam. bears S 11° E 32 lks dist.
marked T 7 S R 34 E. S. 6 B. T.

A tamarack 10 ms diam. bears S 30° W. 3 lks dist.

158.

78

Exteriors

of T. 7 S. bet. R. 33 & 34 E.

Willamette Meridian, Oregon.

marked T 7 S R 33 E S. 1 B. T.

A spruce 18 ins diam. bears N 48° W 12 lbs dist.

marked T 6 S. R 33 E. S 36. B. T.

Land mountainous

Soil 3d rate

Densely covered with forests
of pine-fir, spruce and
tamarack 80 chs.

Thick undergrowth of balsam
and small pine 80 chs -

June 20th 1883

Extensions of T. 6 S R. 33 E 159

Willamette Meridian, Oregon.

From the Cor to Tps. 6 & 7 S Rs 33 & 34 E
 I run West on a random line
 between said Tps. $70^{\circ} E$
 I set temporary half-mile and
 mile Cors at each 40 and 80 Chs
 and find the Tps. line to be
 5 miles. 76 Chs and 17 lks and
 the falling to be 200 lks South
 of the Cor to Tps 6 & 7 S. Rs 33 &
 34 E. The correction for the true
 line will therefore be $33\frac{1}{3}$ lks
 North. ~~and 3.83 East per mile~~
 and it - course will be $S 89^{\circ} 46' E$
 From the cor to Tps 6 & 7 S Rs 32 & 33 E
 which is a past-5ms square marked T 6 S

on NW. R 32 E. S. 1. on SW. S. 31. on N. E. & R 33 E. S. 6. on S. E. faces. with 6 notches on each
 edge. from which. a tamarack 18ms. diam. bears $N 8^{\circ} W. 34$ lks. dist - marked T 6 S

R 32 E. S 36. B. T a pine 18 " " " $N 78^{\circ} E 31$ " " " T 6 S

R 33 E. S 31. B. T a " 24 " " " $S 34^{\circ} E 114$ " " " T 7 S

R 33 E. S 6. B. T " " 24 " " " $S 40^{\circ} W 25$ " " " T 7 S

R 32 E. S. 1 B. T.

Thence I run -

10460
 Exterior of T. C. S. R. 33 E.

Willamette Meridian, Oregon.

889°46' E on a true line. bet - Secs 6 & 31
 or 20° E

25.50 Creek 8 lks wide runs S. W.

36.17 Set a basalt-stone 13 x 10 x 10 ins
 8 ins in the ground for $\frac{1}{4}$ sec cor
 marked $\frac{1}{4}$ on N face. from which
 A pine 30 ins diam. bears S 45° E 11 lks. dist.
 marked $\frac{1}{4}$ S. B. J.

A pine 36 ins diam. bears N 20° E 43 lks dist.
 marked $\frac{1}{4}$ S B. J.

76.17 Set a basalt-stone 16 x 13 x 10 ins 8 ins
 in the ground for cor. to Secs. 5
 6. 31 & 32. marked with 5 notches
 on the E. and 1 notch on W. edges
 from which

A pine 11 ins diam. bears N 44° E 21 lks dist.
 marked T 6 S R 33 E S 32 B. J.

A pine 30 ins diam. bears S 52° E 39 lks. dist.
 marked T 7 S R 33 E S 5 B. J.

A pine 24 ins diam. bears S 50° W 35 lks. dist.
 marked T 7 S R 33 E. S 6 B. J.

A pine 30 ins diam. bears N 14° W 50 lks. dist.

Extremities of T. G. S. R. 33 E. 161

Willamette Meridian, Oregon.

marked T.G.S. R. 33 E. S. 31. B. J.

Land rolling

Soil 2d rate

Densely covered with forests of
pine and fir 76.17 Chs.

S 89° 46' E. on a true line. bet. Secs 5 + 32

or 19½° E.

Ascend

17.00 Ravine Course S.

40.00 A point - 300ft above last sec. cor.

Set a granite stone 16x10x4 ins. 11 ins

in the ground for ¼ sec. cor. marked

¼ on N. face. from which

A pine 40 ins. diam. bears N 8° 41' E. dist.

marked ¼ S B. J.

A pine 36 ins. diam. bears S 36° E 9 lks. dist.

marked ¼ S B. J.

61.00 Brook 4 lks wide runs South

80.00 Set a granite stone 16x13x12 ins

11 ins. in the ground for cor to Secs.

82162

Extensions of T. 6 S R. 33 E

Willamette Meridian, Oregon.

- 4, 5, 32 & 33. marked with 4 notches
on the E. and 2 notches on the W.
edges. from which
- A pine 10 ins. diam. bears $N 2^{\circ} E$ 55 lks. dist.
marked T. 6 S R. 33 E. S. 33 B. J.
- A fir 10 ins diam. bears $S 60^{\circ} E$. 88 lks dist.
marked T 7 S R 33 E S 4. B. J.
- A fir 10 ins. diam. bears $S 47^{\circ} W$. 15 lks. dist.
marked T 7 S. R 33 E. S 5 B. J.
- A pine 20 ins. diam. bears $N 15^{\circ} W$. 56 lks. dist.
marked T 6 S R 33 E S 32 B. J.

Sand rolling

Soil 3d Rate

Densely covered with forests
of pine and fir 80 chs.
Thick undergrowth of pine
and fir 80 chs. —

Exteriors of T. 6 S R. 33 E 163

Willamette Meridian, Oregon.

S 89° 46' E on true line. bet- secs 4 & 33

va 20° E

Ascend

5.50 Ravine course S.

40.00 A point - 200ft above last sec. cor.

Set a granite stone 18x13x11 ins. 12 ins
in the ground for 4 sec. cor.

marked 4 on N. face. from which
A pine 20 ins. diam. bears S 71° E 94 lks dist.
marked 4 S B.T.

A pine 10 ins diam. bears N 88° W 70 lks dist.
marked 4 S B.T.

57.50 Brook 3 lks wide runs S. Ascend

80.00 A point - on side of mountain
80ft above creek.

Set a post - 4ft long 4 ins square
24 ins in the ground for cor to
Secs. 3, 4, 33 & 34 Marked

T 6 S S 34 on NE

R 33 E S 3 " S.E

T 7 S S 4 " SW

S 33 on N.W. faces with 3 notches on E.W. edges.

from which

A fir 20 ins. diam. bears N 81° E. 38 lks dist.
marked T 6 S R 33 E S. 34. B. J.

A fir 10 ins diam. bears S 9° E. 102 lks dist.
marked T 7 S R 33 E S 3 B. J.

A Tamarack 30 ins. diam bears S 17° W 80 lks. dist.
marked T 7 S R 33 E S. 4 B. J.

A pine 36 ins. diam. bears N 10° W 62 lks. dist.
marked T 6 S. R 33 E. S. 33 B. J.

Land mountainous

Soil 3d rate

Densely covered with forests of
pine, fir and Tamarack
80 chs.

Thick undergrowth of small
pine, fir and balsam 80 chs.

June 31st 1883

Willamette Meridian, Oregon.

S89°46 E. on a true line bet sees 3 & 34

or 20° E

.50 Brook 3 lks wide runs S. Ascend
 18.00 Ridge course N. & S. 50ft above cor
 Descend abruptly

40.00 Set a granite stone 12x10x8 ins. 8 ins
 in the ground for 44 sec. cor. marked
 44 on N. face. from which
 A tamarack 13 ins diam bears N47°E. 27 lks. dist.
 marked 74 S B.J.

A. spruce 12 ins diam. S40°W. 23 lks dist.
 marked 44 S B.J.

42.00 Creek 8 lks wide runs S. 50ft.
 below ridge Ascend

56.00 Spring branch runs S.W. Ascend

80.00 A point - 40ft above creek

Set a granite stone 20x10x8 ins. 15 ins in
 the ground for cor to sees 2, 3, 34 & 35
 marked with 2 notches on the E. and
 4 notches on the W. edge. from which
 A fir 13 ins. diam. bears N70°E 36 lks dist.
 marked T 6 S R 33 E S. 35 B.J.

18166

Extremes of T. 6 S R. 33 E

Willamette Meridian, Oregon.

A fir 10 ms diam. bears S 30° E 32 lks dist-
marked T 7 S R 33 E S 2 B. J.

A tamarack 15 ms. diam. bears S 26° W 29 lks. dist-
marked T 7 S R 33 E S. 3 B. J.

A fir 18 ms. diam. bears N 40° W. 9 lks. dist-
marked T 6 S R 33 E S 34 B. J.

Sand mountainous

Soil 3d rats.

Densely covered with forests of
pine, fir and tamarack 80 chs

Estations of T. 6 S R. 33 E. 167

Willamette Meridian, Oregon.

S 89° 46' E on true line. bet-sec. 2 & 35

va 19° E

Ascend abruptly

2.50 Brook 2 lbs wide runs NW.

40.00 A point 600 ft above sea cor

Set a granite stone 20 x 13 x 5 ins 15 ins in
the ground for 1/4 sec. cor. marked 4 on N. face
from which a tamarack 30 ins diam. bears S 10° W. 27 lbs dist. marked 4 S. B. I.

* " " 30 " " " N 23° E 20 " " marked 4 S. B. I.

65.00 Top of mountain course NW + S, E

Descend

80.00 A point 200 ft below summit-

Set a post 4 ft long 4 ins square
24 ins in the ground for cor to sec.

12. 35 + 36 marked

T 6 S S 36 on NE

R 33 E S 1 " SE

T 7 S S 2 " SW

S 35 on the NW faces, with 1 notch, on
the E and 5 notches on the W. edges,
from which

A fir 10 ins diam bears N 60° E 26 lbs. dist-
marked T 6 S R 33 E. S 36 B. I.

168

Exteriors of T. 6 S. R. 33 E

Willamette Meridian, Oregon.

A. fir 10m diam. bears S42°E 17 lks. dist.
marked T 7 S R 33 E. S 1. B. J.

A. fir 10m diam. bears S38°W. 20 lks. dist.
marked T 7 S R 33 E. S 2 B. J.

A. spruce 24m diam. bears N50°W 14 lks. dist.
marked T 6 S R 33 E. S 35 B. J.

Sand mountainous

soil 3d rate

Densely covered with forests of
pine, fir spruce & tamarack
80 @ ha.

Exteriors of T. G. S. R. 33 E

169

Willamette Meridian, Oregon.

S 89° 46' E on a true line. bet sees. 17.36

va 20° E

Descend

40.00 A tamarack 18 in. diam. which I mark
1/4 S on the Cr. face for 1/4 sec cor
from which

A spruce 15 in. diam bears south 3 lks dist.
marked 1/4 S. B.T.

A tamarack 26 in. diam. bears N 30° E 16 lks dist.
marked 1/4 S B.T. 300 ft below sec cor

42.00 Brook 3 lks wide runs S.E.

80.00 A point: about 500 ft below 1/4 sec cor
The cor to Tps 6 & 7 S R 33 & 34 E.

Land mountainous

Soil 3d rate

Densely covered with forests
of pine, fir, spruce & tamarack
80 chs -

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 Exterior lines of T5S R29E, T6S, Rs 32, 33 & 34 E. lines of T7, 8 & 9 S. Rs 33 & 34 E. Willamette Meridian, Oregon, showing the respective capacities in which they acted:

- Compassman.
Chainman.
John S. Guttridge, Chainman.
Frank Ellis, Chainman.
Axeman.
Carey N. Matlock, Axeman.
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 Exterior lines of T5S R29E T6S, Rs 32, 33 & 34 E. & T7, 8 & 9 S. Rs 33 & 34 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.
Chainman.
John S. Guttridge, Chainman.
Frank Ellis, Chainman.
Chainman.
Chainman.
Carey N. Matlock, Axeman.
Axeman.
Flagman.

Subscribed and sworn to before me, this twenty fifth day of August 1883

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

FINAL OATH OF DEPUTY SURVEYOR.

246

I, Frank W Campbell

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

instructions received from James E Tolman

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

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 Exterior lines of T. 5 S. R. 29 E. T. 6 S

R. S. 2, 33, & 34 E. T. 7 S. 7, 8 & 9 S. R. S. 33 & 34 E.

Willamette Meridian, in the State of Oregon, as are represented in the

foregoing Field Notes as having been surveyed by me and under my di-

rections; and I do further solemnly swear that all the corners of said sur-

vey 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 de-

scribed 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

W. H. Busfield

Notary Public for Oregon.

24247

OFFICE U. S. SURVEYOR GENERAL,

Portland, Oregon, *Jan 7*, 1884

The following Field Notes of the Survey of the
Exteriors of the foregoing Town-
ships, as

executed by *Frank W. Campbell*

under his Contract No. 468, dated *April*

12th 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.