

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. Buttrick....., Chainman.
- Frank Ellis....., Chainman.
- Cory W. Mettack....., 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

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

Willamette Meridian, Oregon.

North bet. Secs 15 & 16

Qa 18° E

40.00 A point - about 50 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 monomountainous

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

Willamette Meridian, Oregon.

E. Ldry.

From the cor. to Tps. 67 & 5 R. 33 & 34 E
Drum

North bet. Secs 31 & 36

va 20° E

Ascend

28.00 Ridge 500ft-high course NE & SW.

Descend

38.30 Spring branch, course SW. 200ft
below ridge - ascend

40.00 Set a basalt stone 12x10x10 ins. 8 ins
in the ground for $\frac{1}{4}$ sec cor
marked $\frac{1}{4}$ on N. face - from which
A spruce 13 ins diam. bears S 65° E. 7 lks. dist.
marked $\frac{1}{4}$ S B.T.

A spruce 10 ins diam. bears N 40° W 14 lks. dist.
marked $\frac{1}{4}$ S B.T.

52.50 Ridge course NE & S (N. 200ft-high

80.00 Set a basalt stone 15x15x12 ins. 10 ins
in the ground for cor to sec. 25
30. 31 & 36 marked with 5 notches on
the N and 1 notch on the S. edges.
from which

Sections of T. J. R. 33 E

Willamette Meridian, Oregon.

A juniper 10 ins. diam. bears $N 83^{\circ} E 75$ lbs dist.
marked T6 S R 34 E S 30 B, J

A fir 10 ins. diam. bears $S 42^{\circ} E 167$ lbs dist.
marked T6 S R 34 E S 31 B, J

A fir 10 ins. diam. bears $S 60^{\circ} W 148$ lbs dist.
marked T6 S R 33 E S 36 B, J

A fir 24 ins. diam. bears $N 37\frac{1}{2}^{\circ} W 188$ lbs. dist.
marked T6 S R 33 E S 25 B, J.

Land mountainous
soil 3d rate

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

Thick undergrowth of balsam
pine and spruce 80 chs.

Willamette Meridian, Oregon.

North bet sees 25730

va 19°10' E

Descend

34.50 Trail - Course E W.

40.00 A point - 200ft - below see cor

Set a post 3 ft long 3 in square 24 in in the ground for 4 sec. cor

marked 1/4 S on W. face from which

A spruce 10 in diam bears N 74° E 54 lks. dist. marked 1/4 S B. J.

A spruce 10 in diam bears S 85° W 18 lks. dist. marked 1/4 S. B. J.

64.00 Brook 3 lks wide runs S. E.

80.00 Set a granite stone 18x12x10 in 12 in in the ground for cor. to sees 19.24

25730 marked with 4 notches on the N. and 2 notches on

the S edges from which

A pine 8 in diam bears N 85° E 77 lks. dist. marked T 6 S R 34 E S 19 B. J.

A pine 12 in diam bears S 57° E 53 lks. dist. marked T 6 S R 34 E S. 30 B. J.

1173^c

Sections of T. 6 S R. 33 E

Willamette Meridian, Oregon.

A pinetorus claim bears S10°W 57 lks. dist.
 marked T 6 S R 33 E S 25 B. T.
 A tamarack 10 ms. claim bears N 38° W. 71 lks. dist.
 marked T 6 S R 33 E, S 24 B. T.
 Land mountainous
 Soil 3d rate
 Densely covered with
 forests of pine-fir.
 Spruce and tamarack 80 chs

June 22" 1888

Exteriors of T. 6 S R. 33 E 174

Willamette Meridian, Oregon.

North bet. Secs. 19 & 24

va 19th & E

Descend 200 ft -

40.00 A basalt-stone 12 x 10 x 8 ins 8 ins
in the ground for $\frac{1}{4}$ Sec corner
marked $\frac{1}{4}$ on the face
from which

A pine 8 ins. diam. bears N45°E 4 lks dist,
marked $\frac{1}{4}$ S B, J.

A spruce 8 ins. diam. bears S81°W. 6 lks dist,
marked $\frac{1}{4}$ S B, J.

53.26 Brook 4 lks wide runs N.E.

77.50 Brook 3 lks wide runs N.E.

80.00 Set a post 4 ft long 4 ins square
24 ins in the ground for corner to
Secs. 18, 19, 13 & 24 marked
T 6 S. S 18 on the NE
R 34 E S 19 " " SE
R 33 E S 24 " " SW and
S 13 on the NW edges with 3 notches
on the N. & S. edges. from
which

175

Exteriors of T. 6 S R. 33 E

Willamette Meridian, Oregon.

A pine 10 ms. diam. bears N 66° E 26 lks dist.
marked T 6 S R 34 E S. 18 B. J.

A pine 11 ms diam. bears S 10° E 17 lks dist.
marked T. 6. S. R 34 E. S 19. B. J.

A tamarack 10 ms. diam. bears S 25° W. 76 lks. dist.
marked T 6 S R 33 E S 24 B. J.

A pine 10 ms. diam. bears N. 18° W 41 lks. dist.
marked T 6 S R 33 E S 13 B. J.

Land mountainous

Soil 2d rate

Densely covered with forests
of pine, fir, spruce and
tamarack 80 @ hrs -

Thick undergrowth of spruce
and pine 80 @ hrs

Exteriors of T. 6 S R. 33 E

Willamette Meridian, Oregon.

North lot, sec 13 & 18

va 20° E

5.00 Brook 4 lks wide runs E.

40.00 Set a post 3 ft long 3 ins square
24 ins in the ground for $\frac{1}{4}$ sec. cor
marked $\frac{1}{4}$ S on the face. from
which

A fir 24 ins diam. bears S 40° W. 25 lks dist,
marked $\frac{1}{4}$ S. B. T.

A tamarack 18 ins diam. bears N 23° E 11 lks dist,
marked $\frac{1}{4}$ S. B. T.

57.50 Creek 10 lks wide runs NW.

80.00 Set a post 4 ft long 4 ins square
24 ins in the ground for cor to
secs 12, 13, 7 & 18 marked
T 6 S 57. on the NE

R 34 E 518 " " SE

R 33 E, S 13 " " SW and

S 12 on the NW edges with 2 notches
on the N. and 4 notches on the S.
Edges. from which

A spruce 10 ins diam. bears N 19° E 32 lks. dist,
marked T 6 S. R 34 E. S. 7. B. T.

177

Extensions of T. 6 S R. 33 E

Willamette Meridian, Oregon.

A spruce 10 mi. diam. bears S 38° E 31 lks. dist-
marked T 6 S R 34 E, S 18 B. J.

A spruce 5 mi. diam. bears S 38° W 14 lks. dist-
marked T 6 S R 33 E, S 13 B. J.

A tamarack 30 mi. diam. bears N 44° W 14 lks. dist-
marked T 6 S R 33 E S 12 B. J.

Sand mountains

Soil 2d rate

Densely covered with forests of
pine - fir spruce & tamarack
80 @ lks. -

Exteriors of T. 6 S R. 33 E 178

Willamette Meridian, Oregon.

North bet. secs 7 & 12

va $19\frac{1}{2}^{\circ}$ E.

1.50 Brook 3 lks wide runs West-
Ascend

30.00 Ridge 300 ft high Course E & W.
Descend 250 ft

40.00 Set a post 2 ft long 2 in square
24 in in the ground for $\frac{1}{4}$ sec cor
marked $\frac{1}{4}$ S on the face

from which

A fir 10 in diam. bears $S 88^{\circ} E 28$ lks dist.
marked $\frac{1}{4}$ S B.T.

A fir 10 in diam bears $S 60^{\circ} W 13$ lks dist.
marked $\frac{1}{4}$ P B.T.

60.50 Brook 4 lks wide runs West-

80.00 Set a post 4 ft long 4 in
square, 24 in in the ground
for cor to secs. 6, 7, 11 & 12 marked

T 6 S S 6, on the NE

R 34 E S 7 " " SE

R 33 E S 12 " " SW, and

S 1, on the NW faces with 1 notch.

Extensions of T. 6 S R. 33 E.

Willamette Meridian, Oregon.

on the N. and 5 notches on the S edges,
from which

A pine 10 ins. diam. bears S 38° E 28 lks dist.
marked T 6 S R 34 E. S 7 B. J.

A pine 30 ins. diam. bears N 22° E 28 lks dist.
marked T 6 S R 34 E. S. 6 B. J.

A tamarack 10 ins diam. bears S 41° W 15 lks. dist.
marked T 6 S R 33 E S 12 B. J.

A pine 10 ins. diam. bears N 65° W 11 lks dist.
marked T 6 S R 33 E S 1 B. J.

Land mountainous

Soil 2d rate

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

Exteriors of T. 6 S R. 33 E

Willamette Meridian, Oregon.

North bet: sees 1 & 6

va 19° E

Ascend

- 30.00 Ridge 300ft high course E & W.
- 40.00 Set a basalt-stone 13 x 8 x 8 ins 8 ins on the ground for 1/4 sec. cor. marked 1/4 on the face, from which
A mahogany 6 ins diam. bears S 88° W. 51 lbs dist. marked 1/4 S. B. J.
- A pine 10 ins diam. bears S 62° E 85 lbs. dist. marked 1/4 S B. J.
- 76.80 Intersect the 1st standard parallel South 7 lbs E of standard cor to sees 35 & 36. T 6 S R 33 E @ which point I set a basalt-stone 20 x 13 x 6 ins 15 ins on the ground for closing cor to sees 1 & 6. T 6 S. R. 33 & 34 E. marked with l. l. and 6 notches on the S. E & W. Edges from which
A pine 4 ins diam. bears S 44° W. 11 lbs dist. marked. l. l. T 6 S R 33 E S 1. B. J.

Exteriors of T. 6 S R. 33 E.

Willamette Meridian, Oregon.

A pine 4 ins diam. bears S 40° E. 59 kts dist.
marked C. C. T. 6 S R. 34 E. S. 6 B. T.

A pine 3 ins diam bears N 20° W 100 kts dist.
marked T. 5 S R. 33 E. S. 35 B. T.

Land mountainous
soil 2d rate

Densely covered with forests
of pine - fir - spruce and
tamaracs 76.80 Ch.

June 23rd 1883

General Description

This Township is high and
rolling, and covered
with forest of pine
fir and tamarack
Timber of good
quality - -

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. & T7S. 7, 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. 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.