

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. 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. 7 S. 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 ²⁰ 20 ins. dia. brs. N. 76° E. 31 lks.
 dist. marked T. 6 S R. 33 E. S. 31 B. T.
 A pine ²⁷ 24 ins. dia. brs. S. 27° E. 14 ⁵ lks.
 dist. marked T. 7 S R. 33 E. S. 6 B. T.
 A pine ³⁷ 26 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

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Exteriors of T. 6 S. R. 32 E.

Willamette Meridian, Oregon.

East Body.

40.00 A point 200 ft. above T_p. cor. Set a post- 3 ft. long 3 ins square with marked stone 12 ins in the ground for 1/4 sec. cor. marked 4 S. on the W. face.

from which -

A pine 30 ins. dia. brs. S. 37° W. 108 lks. dist. marked 1/4 S. B. T.

A pine 30 ins. dia. brs. N. 18° E. 124 lks. dist. marked 1/4 S. B. T.

73.00 Ascend abruptly +200

79.00 Trail course E. & W.

80.00 Set basalt stone 18 x 10 x 5 ins. +200

12 ins. in ground for cor. to secs. 25, 30, 31 & 36 marked with 5 notches on N. & 1 notch on S. edges; from which

A pine 10 ins. dia. brs. N. 36° E. 72 lks. dist. marked T. 6 S. R. 33 E. S. 30 B. T.

A pine 40 ins. dia. brs. S. 48° E. 54 lks. dist. marked T. 6 S. R. 33 E. S. 31 B. T.

A pine 30 ins. dia. brs. S. 51° W. 81 lks. dist. marked T. 6 S. R. 32 E. S. 36 B. T.

Exteriors of T. 6 S R. 32 E. 3

Willamette Meridian, Oregon.

East Bdy.

A pine 18 ins. dia. brs. Ch. 19° N. 70 lbs.
dist. marked T. 6 S. R. 32 E. S. 25 B. T.

Land mountainous.

Soil 2nd rate.

Densely covered with forests
of pine timber 80. chs.

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Exteriors of T. 6 S R. 32 E

Willamette Meridian, Oregon.

East Bdy.

North bet. secs. 25 & 30

Var. 19° 45' E,

10.00 Top of ascent +150 ft.

15.00 Descend abruptly

30.40 Spring branch at foot of hill
Course W - 300 "

Ascend gently from branch

40.00 Set a pine post 3 ft long 3 ins. square 24 ins. in ground for 1/4 sec. cor. marked 1/4 S. on W. face; from which

A fir 24 ins. dia. brs. S. 58° E. 19 lbs. dist. marked 1/4 S. B.T.

A fir 12 ins. dia. brs. N. 40° W. 12 lbs. dist. marked 1/4 S. B.T.

Thence over gently rolling ground to

80.00 Set a basalt stone 16 x 12 x 8 ins 10 ins. in ground for cor. to secs. 19, 24, 25 & 30 marked with 4 notches on N. & 2 notches on S. edges; from which,

Exteriors of T. 6 S R. 32 E 15

Willamette Meridian, Oregon.

East Boundary

A tamarack 18 ins. dia. brs. N. 35° E.
14 fks. dist. marked T. 6 S. R. 33 E.
S. 19 B. T.

A pine 11 ins. dia. brs. S. 65° E. 94 fks.
dist. marked T. 6 S. R. 33 E. S. 30 B. T.

A pine 24 ins. dia. brs. S. 15° W. 84 fks.
dist. marked T. 6 S. R. 32 E. S. 25 B. T.

A pine 7 ins. dia. brs. N. 10° W. 7 fks.
dist. marked T. 6 S. R. 32 E. S. 24 B. T.

Land mountainous, & rolling.
Soil 2nd rate.

Densely covered with forests of
pine, fir & tamarack timber & chs.
Thick undergrowth of balsam
spruce, fir & tamarack & chs.

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Exteriors of T. 6 S. R. 32 E.

Willamette Meridian, Oregon.

E. body.

North bet. secs. 24 & 19
Var. 20° E.

Descend over rolling ground.

39.00 Foot of descent, creek 6 lks.
wide course N.

40.00 Set fir post 3 ft. long 3 ins.
square 24 ins. in ground

for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S.
on N. face; from which

Atamarack 18 ins. dia. brs. N. 66° W.
24 lks. dist. marked $\frac{1}{4}$ S. B.T.

A fir 10 ins. dia. brs. S. 62° E. 25 lks.
dist. marked $\frac{1}{4}$ S. B.T.

Leave creek bottom, ascend
hill course N. W. & E.

80.00 To a point 350 ft. above creek,
and set a basalt stone

20 x 8 x 6 ins. 15 ins. in

ground for cor. to secs. 13, 18,
19 & 24 marked with 3

notches on N. & S. edges;
from which

Exteriors of T. 6 S. R. 32 E. 117

Willamette Meridian, Oregon.

E. body

A pine 27 ins. dia. brs. N. 61° E. 107 lbs.
dist. marked T. 6 S. R. 33 E. S. 18 B. T.

A pine 30 ins. dia. brs. S. 34° E. 89 lbs.
dist. marked T. 6 S. R. 33 E. S. 19 B. T.

A pine 24 ins. dia. brs. S. 44° W. 65 lbs.
dist. marked T. 6 S. R. 32 E. S. 24 B. T.

A pine 26 ins. dia. brs. N. 20° W. 76 lbs.
dist. marked T. 6 S. R. 32 E. S. 13 B. T.

Land mountainous, rolling
Soil 2nd rate.

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

Thick undergrowth of balsam,
willow, fir and pine so. chs.

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110

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Extensions of T. 6 S. R. 32 E.

Willamette Meridian, Oregon.

E. bdy.

North bet. secs. 13 and 18

Var. 19° E.

Ascend along side of hill
facing S. W.

40.00 Top of hill, enter rolling table
land 300 ft. above sec. cor.

and set basalt stone $16 \times 12 \times$
5 ins. 10 ins. in ground for

$\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N.
face; from which

A pine 27 ins. dia. brs. S. 23° E.
59 lks. dist. marked $\frac{1}{4}$ S. B. T.

A pine 30 ins. dia. brs. N. 38° W.
20 lks. dist. marked $\frac{1}{4}$ S. B. T.

63.40 Brook 3 lks. wide course S. W.

80.00 Set a basalt stone $18 \times 10 \times 8$ ins.
12 ins. in ground for cor.

to secs. 7, 12, 13 & 18 marked
with 2 notches on N. and
4 notches on S. edges;
from which

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Exteriors of T. 6 S. R. 32 E. 119

Willamette Meridian, Oregon.

E. bdy.

A tamarack 12 ins. dia. brs. N. 30° E.
26 fks. dist. marked T. 6 S. R. 33 E.
S. 7 B. T.

A fir 36 ins. dia. brs. S. 41° E. 33 fks.
dist. marked T. 6 S. R. 33 E. S. 18 B. T.

A pine 30 ins. dia. brs. S. 76° W. 13 fks.
dist. marked T. 6 S. R. 32 E. S. 13 B. T.

A fir 10 ins. dia. brs. N. 47° W. 238 fks.
dist. marked T. 6 S. R. 32 E. S. 12 B. T.

Land mountainous.

Soil 2nd rate.

Densely covered with forests
of pine, fir, tamarack & spruce.
Occasional thickets of balsam,
small tamarack & pine
brush.

June 3rd 1883

Exteriors of T. 6 S. R. 32 E.

Willamette Meridian, Oregon.

E. bdy.

North bet. secs. 7 and 12
Var. $20^{\circ} 30'$ E.

Over rolling ground and
dense timber.

23.60 Wagon road course E. & W.

40.00 Set basalt stone $24 \times 13 \times 9$ ins.
18 ins. in ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on N. face;
from which,

A pin 10 ins. dia. brs. N. 56° W.

5 lbs. dist. marked $\frac{1}{4}$ S. B. T.

A pin 18 ins. dia. brs. S. 42° E.

22 lbs. dist. marked $\frac{1}{4}$ S. B. T.

80.00 Set basalt stone $26 \times 10 \times 3$ ins.

19 ins. in ground for cor. to

secs. 1, 6, 7 & 12 marked

with 1 notch on N. & 5 notches

on S. edges; from which

A pin 18 ins. dia. brs. N. 21° E.

103 lbs. dist. marked T. 6 S.

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

A pin 30 ins. dia. brs. S. 59° E.

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Exteriors of T. 6 S. R. 32 E.

Willamette Meridian, Oregon.

E. body.

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

Aspine, 30 ins. dia. brs. S. 42° W. 308 lks.
dist. marked T. 6 S. R. 32 E. S. 12 B.T.

Aspine 30 ins. dia. brs. N. 52° W. 187 lks.
dist. marked T. 6 S. R. 32 E. S. 1 B.T.

Land rolling.

Soil 2nd rate.

Densely covered with forests
of pine, fir, tamarack and
spruce timber, partly
cleared by fire, 80. chs.

Thick undergrowth of balsam
pine, tamarack & fir 80. chs.

Exteriors of T. 6 S. R. 32 E.

Willamette Meridian, Oregon.

E. body.

from which.

A pine 10 ins. dia. brs. S. 63° W. 9 lbs.
dist. marked T. 6 S. R. 32 E. S. 1 B. T.

A pine 30 ins. dia. brs. S. 22° E. 60 lbs.
dist. marked T. 6 S. R. 33 E. S. 6 B. T.

Land mountainous

Soil 2nd rate.

Densely covered with forests of
pine, fir, spruce, tamarack &
yew and alder timber, 74.00 chs.

Thick undergrowth of small
pine, fir spruce, tamarack
& balsam 74.00 chs.

June 4th 1883

General Description

This Township is rough broken and
mountainous. covered with dense
forests of pine, spruce, fir and
tamarack. Soil. 1st, 2d, 3d & 4th rates

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.
-----, Chainman.
Frank Ellis, Chainman.
-----, 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.
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.

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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'y 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 1883, 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.