

FIELD NOTES.

On the survey of the Subdivisional

Lines of T. 4 N. R. 39 E.

Willamette Meridian,

Oregon, as surveyed by Frank W. Campbell

U. S. Deputy Surveyor, under his Contract No. 498

dated March 10th 1884

Survey commenced April 23^d 1884

Survey completed May 8th 1884

NAMES AND DUTIES OF ASSISTANTS.

....., Compassman.

Frank C. Baird, Chainman.

William J. Welch, Chainman.

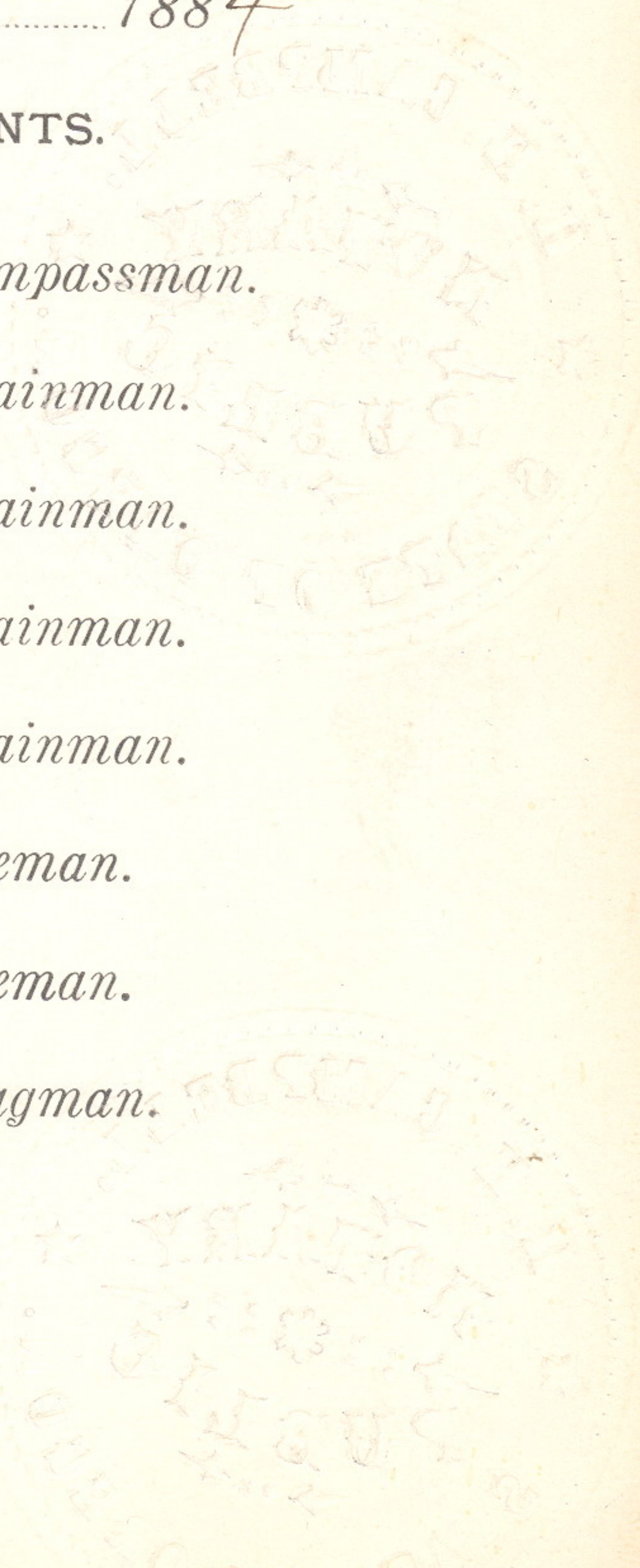
....., Chainman.

....., Chainman.

Thomas J. McArthur, Axeman.

....., Axeman.

....., Flagman.



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PRELIMINARY OATHS OF ASSISTANTS.

We, Frank C Baird &
William J. Welch

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 T. 4 N.

R. 39 E. Willamette Meridian, Oregon.

Frank C. Baird., Chainman.

William J. Welch, Chainman.

_____, Chainman.

_____, Chainman.

Subscribed and sworn to before me, this 21st

day of April 1884

[SEAL.] H. H. Campbell

Notary Public

We, Thomas J. McArthur 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

in the survey of the Subdivisional lines of

T. 4 N. R. 39 E. Willamette Meridian, Oregon.

Thomas J. McArthur, Axeman.

_____, Axeman.

Subscribed and sworn to before me, this 21st

day of April 1884

[SEAL.] H. H. Campbell

Notary Public
for Oregon

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Subdivisions of T. 4 N. R. 39 E.
Willamette Meridian, Oregon.

West on random line bet. secs. 30 & 31

Var. 19° E.

40.00 Set temp. 1/4 sec. cor.

119.27 Intersect W. bdy. of Twp. 41 lks. S. of
cor. to secs. 25, 30, 31 & 36 which
is a post 4 ins. sq. marked

T. 4 N. S. 30 on N. E.

R. 39 E. S. 31 " S. E.

R. 38 E. S. 36 " S. W. &

S. 25 " N. W. faces, with

5 notches on N. & 1 notch on S.

edges; from which

A fir 16 ins. dia. brs. N. 84° E. 33 lks.

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

A fir 15 ins. dia. brs. S. 38° E. 64 lks.

dist. marked T. 4 N. R. 39 E. S. 31 B. T.

A fir 12 ins. dia. brs. S. 67° W. 50 lks.

dist. marked T. 4 N. R. 38 E. S. 36 B. T.

A pine 11 ins. dia. brs. N. 61° W. 11 lks.

dist. marked T. 4 N. R. 38 E. S. 25 B. T.

Thence I run

97
877

Subdivisions of T. 4 N. R. 39 E.

Willamette Meridian, Oregon.

Soil 2^d rate.

Densely covered with forests of
pine, fir, tamarack & spruce sochs.
Thick undergrowth of balm,
spruce alder & showmake so. chs.

Wet on random line bet. secs. 19 & 30
Var. 21° E.

40.00 Set temp. 1/4 sec. cor

118.91 Intersect N. bdy. of Twp. 71 lks. S. of
cor. to secs. 19, 24, 25 & 30 which is
a post 4 ins. sq. marked

T. 4 N. S. 19 on N. E.

R. 39 E. S. 30 " S. E.

R. 38 E. S. 25 " S. N. &

S. 24 " N. N. faces, with 4
notches on N. & 2 notches on E. edges,
from which,

Aspruce 18 ins. dia. brs. N. 50° E. 54 lks.
dist. marked T. 4 N. R. 39 E. S. 19 B. T.

98878

Subdivisions of T. 4 A R. 39 E
 Willamette Meridian, Oregon.

A fir 12 ins. dia. brs. S. 50° E. 25 lbs.
 dist. marked T. 4 A. R. 39 E. S. 30 B. T.

A fir 8 ins. dia. brs. S. 26° W. 31 lbs.
 dist. marked T. 4 A. R. 38 E. S. 25 B. T.

A tamarack 7 ins. dia. brs. N. 56° W. 13 lbs.
 dist. marked T. 4 A. R. 38 E. S. 24 B. T.

Thence I run
 S. 89° 40' E. on true line bet. sec. 19 & 30
 with same Var.

47.91 Spring branch 4 lbs. wide runs S. E.
 Descending over rolling ground.

78.91 Set a basalt stone 12 x 10 x 7 ins. + 50 ft.
 8 ins. in ground for $\frac{1}{4}$ sec. cor.
 marked $\frac{1}{4}$ on N. face;
 from which

A fir 8 ins. dia. brs. N. 10° W. 30 lbs.
 dist. marked $\frac{1}{4}$ S. B. T.

A fir 15 ins. dia. brs. S. 20° E. 62 lbs.
 dist. marked $\frac{1}{4}$ S. B. T.

Thence descending

80.91 Creek 20 lbs. wide runs S. at foot

Subdivisions of T. 4 N. R. 39 E. 8833
Willamette Meridian, Oregon.

Weston random line bet. secs. 18 & 19
(Var. 21° E.)

40.00 Set temp. 1/4 sec. cor.
118.60 Intersect W. bdy of Twp. 79 lks. S.
of cor. to secs. 13, 18, 19 & 24 which
is a post 4 ins. sq. marked
T. 4 N. S. 18 on N. E.
R. 39 E. S. 19 " S. E.
R. 38 E. S. 24 " S. W. &

S. 13 " N. W. faces, with
3 notches on N. & S. edges;

from which
A fir 6 ins. dia. brs. N. 52° E. 31 lks.
dist. marked T. 4 N. R. 39 E. S. 18 B. 5
A fir 10 ins. dia. brs. S. 45° E. 34 lks.
dist. marked T. 4 N. R. 39 E. S. 19 B. 5
A tamarack 10 ins. dia. brs. S. 31° W. 13 lks.
dist. marked T. 4 N. R. 38 E. S. 24 B. 5
A tamarack 8 ins. dia. brs. N. 18° W. 31 lks.
dist. marked T. 4 N. R. 38 E. S. 13 B. 5

Thence run

Subdivisions of T. 4 N. R. 39 E.
 Willamette Meridian, Oregon.

dist. marked $\frac{1}{4}$ S. B. T.
 Ascending gently to
 80.13 The cor. to secs. 7, 8, 17 & 18
 Land rolling.
 Soil 2^d rate.

Densely covered with forests
 of pine & spruce & tamarack 80.13 ch₂.
 Thick undergrowth of spruce
 & huckleberry 80.13 ch₂.

West on random line bet. secs. 7 & 18
 (Var. 21° E.)

40.00 Set temp. $\frac{1}{4}$ sec. cor.
 118.26 Intersect W. bdy. of Twp. 63 lks. S.
 of cor. to secs. 7, 12, 13 & 18 which
 is a tamarack 5 ins. diam
 marked T. 4 N. S. 7 on N. E.
 R. 19 E. S. 18 " S. E.
 R. 18 E. S. 13 " S. W. &
 S. 12 " N. W. faces,

Subdivisions of T. 4 N. R. 39 E.

Willamette Meridian, Oregon.

- with 2 notches on N. & 4 notches on S. edges; from which
- Aspruce 10 ins. dia. brs. N. 41° E. 29 lbs. disk. marked T. 4 N. R. 39 E. S. 7 B. T.
- Aspruce 13 ins. dia. brs. S. 44° E. 51 lbs. disk. marked T. 4 N. R. 39 E. S. 18 B. T.
- Aspruce 15 ins. dia. brs. S. 48° W. 34 lbs. disk. marked T. 4 N. R. 38 E. S. 13 B. T.
- Aspruce 12 ins. dia. brs. N. 42° W. 50 lbs. disk. marked T. 4 N. R. 38 E. S. 12 B. T.

Thence I run S 89° 42' E. on true line bet. secs. 7 & 18 with same bar.

Gently ascending

- 40.26 Top of high raise course N. & S. + 300
- Descend along hillside facing S. E.
- 78.26 Set a fir post 3 ft. long 3 ins. sq. 24 ins. in ground for 1/4 sec. cor. marked 1/4 S. on N. face; from which
- Fir 13 ins. dia. brs. N. 11° W. 32 lbs.

Subdivisions of T. 4 N. R. 39 E.
Willamette Meridian, Oregon.

80.60 The cor. to secs 5, 6, 7 & 8
Land rolling.
Soil 2^d rate.
Densely covered with forests
of small spruce, pine &
tamarack 80.60 chs.
Thick undergrowth of alder
spruce & shoemaker 80.60 chs

Weston random line bet. secs. 6 & 7
Var. 20° E.

40.00 Set temp. 1/4 sec. cor.
118.37 Intersect W. bdy. of Twp 717 lks
S. of cor. to secs. 1, 6, 7 & 12 which
is a post 4 ins. sq. marked
T. 4 N. S. 6 on N. E.
R. 39 E. S. 7 " S. E.
R. 38 E. S. 12 " S. W. &
S. 1 " N. W. faces, with
1 notch on N. & 5 notches on S.

Subdivisions of T. 4 N. R. 39 E.
Willamette Meridian, Oregon.

edges; from which
A fir 8 ins. dia. bears N. 52° E. 18 lks.
dist. marked T. 4 N. R. 39 E. S. 6 B. T.
A fir 9 ins. dia. brs S. 50° E. 23 lks.
dist. marked T. 4 N. R. 39 E. S. 7 B. T.
A maple 4 ins. dia. brs S. 55° W. 22 lks.
dist. marked T. 4 N. R. 38 E. S. 12 B. T.
A fir 7 ins. dia. brs N. 45° W. 20 lks.
dist. marked T. 4 N. R. 38 E. S. 1 B. T.

Thence run
S 89° 35' E on true line bet. secs. 6 & 7
with same bar.

Ascend along mountain side
facing N. W.

43.37 Top of ridge, descending N. + 200 ft.
Descend over rolling ground to

75.37 Ravine course N. - 75 "

78.37 Set a basalt stone 12 x 12 x 9 ins. ³⁰⁰ "
8 ins. in ground for 1/4 sec. cor.
marked 1/4 S on N. face;
from which

Subdivisions of T. 4 N. R. 39 E.
Willamette Meridian, Oregon.

North bet. secs. 5 & 6

Var. 20° E.

- 12.00 Enter gentle slope facing N.
 - 40.00 Set a spruce post 3 ft. long 3 ins. sq. 24 ins. in ground for 1/4 sec. cor. marked 1/4 S. on N. face; from which
 - Aspruce 10 ins. dia. br. N. 89° E. 42 lks. dist. marked 1/4 S. B.T.
 - Aspruce 6 ins. dia. br. N. 79° W. 38 lks. dist. marked 1/4 S. B.T.
 - 48.00 Descent course N. E. & S. W.
 - 57.00 Ravine course N. - & ascend - 200 ft.
 - 79.50 Top of ridge descending N. + 300 "
 - 81.60 Intersect the 1st Standard - 50 "
- Parallel N. at a point 25.90 chs. E. of the cor. to secs. 31 & 32, T. 5 N. R. 39 E. - at which point I set a spruce post 4 ft. long 4 ins. sq. 24 ins. in ground for closing cor. to secs 5 & 6 marked

Subdivisions of T. 4 N. R. 39 E.
 Willamette Meridian, Oregon.

E. C. T. 4 N. R. 39 E. on S. -
 S. 5 on E. & S. 6 on W. faces,
 with 5 notches on E. & 1 notch
 on W. edges; from which
 Spruce 8 ins. dia. brs. N. 52° E. 30 lks.
 dist. marked T. 5 N. R. 39 E. S. 32 B. T.
 Spruce 8 ins. dia. brs. S. 50° W. 16 lks.
 dist. marked T. 4 N. R. 39 E. S. 6 B. T.
 Tamarack 2 7 ins. dia. brs. S. 40° E. 25 lks.
 dist. marked T. 4 N. R. 39 E. S. 5 B. T.

Land rolling
 Soil 2^d rate.

Densely covered with forests of
 pine, fir tamarack & spruce
 \$1.60 chs.

Thick undergrowth of pine fir
 spruce & tamarack \$1.60 chs.

May 8th 1884

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 T. 4 N. R. 39 E. Willamette Meridian, Oregon, showing the respective capacities in which they acted:

- Frank C. Baird, Compassman.
- Frank C. Baird, Chainman.
- William J. Welch, Chainman.
- William J. Welch, Chainman.
- Thomas J. McArthur, Chainman.
- Thomas J. McArthur, Axeman.
- _____, 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 Subdivisional lines of T. 4 N. R. 39 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.

- Frank C. Baird, Compassman.
- Frank C. Baird, Chainman.
- William J. Welch, Chainman.
- _____, Chainman.
- _____, Chainman.
- Thomas J. McArthur, Axeman.
- _____, Axeman.
- _____, Flagman.

Subscribed and sworn to before me, this 4th day of

June 1884
 [SEAL] Frank W. Campbell
Notary Public

FINAL OATH OF DEPUTY SURVEYOR.

I, Frank W. Campbell

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

instructions received from James R. Tolman

U. S. Surveyor General for Oregon, bearing date of the 10th

day of March, 1884, 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 the Subdivisional lines of T. 4 N. R. 39 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 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 4th

day of June 1884

J. H. Campbell
Notary Public

OFFICE U. S. SURVEYOR GENERAL,

Portland, Oregon, *Oct. 30,* 1884

The following Field Notes of the Survey of the
Subdivisions of T. 4 N. R. 39 E.,
Will. Mer., Oregon

executed by *Frank W. Campbell*

under his Contract No. *498*, dated *March*
10th, 1884, 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.

