

FIELD NOTES

Of the survey of the Exterior

Lines of Townships 4 & 5 South

Range 33. East, Willamette Meridian,

Oregon, as surveyed by George S.

Pershin, U. S. Deputy Surveyor,

under his Contract No. 410, dated

July 28, 1881

Survey commenced, September 5 1881

Survey completed, September 10 1881

NAMES AND DUTIES OF ASSISTANTS.

....., Compassman.

William F. Mc Reynolds, Chainman.

Malcolm E. Sturtevant, Chainman.

....., Chainman.

....., Chainman.

Thomas Gilliland, Axeman.

....., Axeman.

....., Flagman.

1A

PRELIMINARY OATHS OF ASSISTANTS:

We, William F Mc Reynolds. Malcolm Sturtivant & Charles Vinson

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 boundary
lines of Townships 4 and 5
South Range 33 East - Willamette Meridian, Oregon.

Wm F Mc Reynolds, Chainman.
Malcolm E. Sturtivant, Chainman.
Charley Vinson, Chainman.
_____, Chainman.

Subscribed and sworn to before me, this fifth
day of September 1888

[SEAL.]

George S. Perkins
U.S. Dep. Sur.

We, D. Thomas Gilliland and

D X X X X X 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 Ex. Boundaries of Townships
4 & 5 South Rang 33 East Willamette Meridian Oregon.

Thomas Gilliland, Axeman.
_____, Axeman.

Subscribed and sworn to before me, this fifth
day of September 1888

[SEAL.]

George S. Perkins
U.S. Dep. Sur.

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Extremities of Township No. 5 South Range 33 East
Willamette Meridian, Oregon.

I begin at the post the cor to Townships
5 South Ranges 33 & 34 East on 1st
Standard parallel South, the cor.
is just as I put it one year ago
viz. Pine post marked

T 5 S. R. 34 E. S. 31 on N. E

T 5 S. R. 33 E. S. 36 " N. W

A Tamarack 8 in. dia. brs. N. 64° W. 56^{lbs} dist
marked T 5 S. R. 33 E. S. 36

A Fir 10 in. dia. brs. N. 48° E. 35 lbs dist
marked T 5 S. R. 34 E. S. 31

thence I run
North on E. Boundary of sec. 36
ca. 19° 30' East

Steep descent -

1350 A Spring branch co. N. W. -
250 ft below corner.

Ascending along west slope

3750 On a spur extending west 150 ft high

4000 A Pine 5 inches diam on N. W.
slope for 1/4 sec. cor. Marked 1/4 S on
west side

Exteriors of Township No. 5 South Range 33 East
Willamette Meridian, Oregon.

A Fir 5 ins. diam. brs. S. 85° E. 28 lbs. dist

" " Marked. 1/4 S. B.T.

A Fir 10 in. diam brs. S 44° W. 21 lbs. dist,

Marked. 1/4 S. B.T.

52.00 Foot of hill 200 ft below point on spur.

A brook 10 lbs wide co. S. W.

80.00 Set basalt stone 14 x 12 x 5 ins. 10 ins. ⁺⁴⁰⁰

in ground for cor. to sec. 25, 36,

30 and 31 marked with 1 notch on

S. and 5 notches on N. Edges

A Fir 24 in. diam. brs. N. 60° E. 55 lbs. dist

Marked T 5 S. R. 34 E. S. 30. B.T.

A Pine 12 in diam. brs S. 68° E 98 lbs. dist

Marked: T 5 S. R. 34 E. S. 31. B.T.

A Pine 5 in. diam. brs. S 45° W. 10 lbs. dist.

Marked: T 5 S. R 33 E. S. 36. B.T

A Pine 10 in. diam. brs. N. 85° W. 50 lbs. dist.

Marked T 5 S. R 33 E. S. 25 B.T.

Land: Surface Mountainous; soil

2nd & 3rd rate. Mostly heavy Pine

Tamarack & Fir timber, some

under brush

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Exteriors of Township No. 5 South Range 33 East-
Willamette Meridian, Oregon.

North on the East Boundary of sec. 25
va. $19^{\circ} 15'$ East

9.00 Top of irregular ridge 50 ft. above cor.

40.00 A Fir 6 ins. diam on N. slope for
 $\frac{1}{4}$ sec. cor. Marked $\frac{1}{4}$ S on W. side

A Fir 6 ins. diam. brs. S. 68° E 10 lks. dist
marked $\frac{1}{4}$ S. B T

A Tamarack 8 ins. diam. brs. N. 54° W. 18 lks. dist
marked $\frac{1}{4}$ S. B T

4575. A brook 10 lks wide co. N.W.
about 300 ft below top of ridge

80.00 Set a basalt stone $20 \times 12 \times 10$ ins
15 ins. in ground on top of hill

300 ft above brook for cor. to
Sec. 24. 25. 19 & 30. in open glade
Marked 2 notches on south and

4 notches on N. Edges. from which
A Pine 18 ins. dia. brs. N. 46° E 245 lks. dist,
Marked T 5 S. R 34 E S. 19. B T

A Pine 12 ins. dia. brs. S. 18° W. 158 lks dist
Marked T 5 S. R. 33 E. S 25 B. T.

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Exteriors of Township No. 5 South Range 33 East
Willamette Meridian, Oregon.

No other trees near & in lieu thereof I raise mound of stone alongside of cor.

Land: Surface Mountainous,
Soil 2nd and 3rd rate; heavy
Pine Tamarack & Fir timber
with some open glades

North on the east Boundary of sec. 24
ra. 19° 20' East

Irregular surface

36.50 Enter large open glade

40.00 Set a basalt stone 14 x 10 x 8 ins

10 ins in ground for 1/4 sec.

Cor. Marked 1/4 on W. face

A Fir 14 ins. diam. brs. N. 53° W. 194 lbs dist

Marked: 1/4 S. B. II

No other tree near in lieu thereof
I raise mound of stone along-^{side}

Exteriors of Township No. 5 South Range 33 East-
Willamette Meridian, Oregon.

- 52.00 A Spring branch; ^{Co. N. W.} descent 100 ft -
Enter scattering timber
 - 80.00 Set basalt stone 17 x 10 x 8 ins 12 ins
in ground on N. W. slope for. -50
Cor. to Sec. 13. 24, 18 & 19 marked
with 3 notches on S. and 3 notches
on N. edges, from which a
Tamarack. 18 ins. in diam. brs. N. 34° E. 36 lks. dist
marked; T. 5 S. R. 34 E. S. 18 B. T.
 - Tamarack. 7 in. dia. brs. S. 58° E. 33 lks. dist
marked T. 5 S. R. 34 E. S. 19 B. T.
 - Tamarack 9 in. di. brs. S 42° W. 75 lks. dist.
marked; T. 5 S. R. 33 E. S 24. B. T.
 - Tamarack 10 in. di. brs. N. 41° W. 96 lks. dist
marked T. 5, S. R. 33 E. S 13. B. T.
- Land: Surface mountainous
Soil 3rd & 2nd rate; heavy Pine
Tamarack & Fir timber
much of it burnt and dead
Large open glades

Exteriors of Township No. 5 South Range 33 East
Willamette Meridian, Oregon.

North on the East boundary of sec. 13

ca. $20^{\circ} 30'$ East

3,75 - Spring branch ca. N. $10^{\circ} E$

8,00 re " " " " N. E. (Same)

10,00 " " " " N. $15^{\circ} W$. (Same)

40,00 Set a basalt stone $14 \times 8 \times 6$ ins.

10 ins in ground on N. W.

Slope for $\frac{1}{4}$ sec. cor. Marked

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

Fir 18 in. dia. brs. S. $53^{\circ} E$. 20 lks. dist

Marked $\frac{1}{4}$ S. B. T

Tamarack 9 ins. dia. brs. S. $38^{\circ} W$. 60 lks. dist.

Marked. $\frac{1}{4}$ S. B. T

80.00 Set basalt stone $18 \times 12 \times 5$ ins. 12 ins

in ground on N. W. slope for

cor. to Sec. 12, 13, 7 & 18 (descent

about 100. ft) Marked with

4 notches on the South and

2 notches on N. edges.

A Pine 15 ins. dia. brs N. $28^{\circ} E$ 21 lks. dist

Marked. T. 5 S. R. 34 E. S. 7. B. T

Extremes of Township No. 5 South Range 33 East
Willamette Meridian, Oregon.

A Pine 16 ins. dia. brs. S. 38° E 55 lbs. dist
marked: T. 5 S. R. 34 E. S. 18 B. T.

A Pine 18 ins. dia. brs S. 40° W. 93 lbs. dist
marked: T. 5 S. R. 33 E. S. 13. B. T.

A Pine 24 ins. dia. brs. N. 66° W. 46 lbs. dist
marked T. 5 S. R. 33 E. S. 12. B. T.

Land: Surface, irregular rolling
& broken; Soil 3 & 2nd rate
Mostly heavy Pine Tamarack
and Fir timber with open
glades. September 5th 1881

North on the east boundary of sec. 12
ba. 20° 00' East

Irregular descent

40.00 Set basalt stone 14 x 10 x 8 ins. 9 ins
in ground on N. slope for 1/4
sec. cor. marked. 1/4 on W. face

A Fir 8 in. dia. brs. East 70 lbs. dist
marked. 1/4 S. B. T.

Exteriors of Township No. 5 South Range 33 East
Willamette Meridian, Oregon.

A Fir 12 ins. dia. brs. S. 18° W. 55 lbs. dist
marked $\frac{1}{4}$ S. B. T.

80.00 Set basalt Stone $16 \times 10 \times 5$ ins 11 ins
in ground for cor. to sec.

1. 12. 6' & 7' (descent 250 ft)

Marked. with 5 notches on
S. and 1 notch on N. edges

A. Pine 6 ins. dia. brs. N. 9° E. 90 lbs. dist
Marked. T 5 S R. 34 E. S. 6. B. T.

A Pine 8 ins. dia. brs. S. 68° E. 88 lbs. dist,
marked T 5 S. R. 34 E. S. 7. B. T.

A Pine 8 ins. dia. brs. S 75° W. 138 lbs. dist,
Marked. T 5 S. R. 33 E. S 12. B. T.

A Pine 8 ins dia. brs. N. 48° W. 139 lbs. dist-
Marked. T 5 S. R. 33 E. S 1 B. T.

Land: Surface irregular north
slope & rolling; soil 3rd &
2nd rate. Pine Tamarack &
Fir timber with open glades

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Exteriors of Township No. 5 South Range 33 East
Willamette Meridian, Oregon.

North on the East boundary of Sec. 1
Ba. $19^{\circ} 45'$ East.

38.50 foot of descent creek bottom
descent 80 ft -

40.00 Set basalt stone $14 \times 12 \times 8$ ins on
level in creek bottom 10 ins in.

ground for $\frac{1}{4}$ Sec. cor. marked
 $\frac{1}{4}$ on west face from which

A Pine 6 ins. dia. brs. N. 38° E. 9 lbs. dist
marked. $\frac{1}{4}$ S. B. T.

A Pine 10 ins. dia. brs. N. 38° W 12 lbs. dist

43.00 Camas, creek 20 lbs. wide to West

44.50 leave creek bottom begin ascent -
timber becomes scattering

8000 Set pine post 5 ins square 5 ft
long on level in large open ⁺⁸⁰
glade for corner to Townships
4 & 5 South Ranges, 33 & 34 East

marked: T. 4 S. R. 34 E. S. 31 on N. E. side

" T. 5 S R. 34 W. S. 6 " S. E. "

" T. 5 S. R. 33 E. S. 1 " S. W. "

" T. 4 S. R. 33 E. S. 36 " N. W. "

Exteriors of Township No. 5 South Range 33 East
Willamette Meridian, Oregon.

Also marked with 6 notches on N. E. S & W. edges
Raised mound of stone $2\frac{1}{2}$ ft high &
 $5\frac{1}{2}$ ft base around post in lieu of pits
Land. surface rolling and undu-
lating; soil 3rd & 2nd rate
Scattering Pine. timber

September 6th 1881

General description

The S. Eastern part is mountainous
the northern and western part
rolling and undulating with
a considerable part nearly level
soil about equally 3 & 2 rate with
some 1st rate, about $\frac{2}{5}$ is
heavily timbered about $\frac{1}{4}$ is
open prairie or scattering timber
about $\frac{1}{5}$ is agricultural land
and is located mostly on
north and west sides

This township should be subdivi-
ded at an early day

FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by George S. Perkin, 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 Boundaries lines of Townships 4 & 5 South Range 33 East Willamette Meridian, Oregon, showing the respective capacities in which they acted:

- William F. McReynolds, Compassman.
- Malcolm E. Sturdivant, Chainman.
-, Chainman.
-, Chainman.
- Thomas Gilliland, Axeman.
-, Axeman.
-, Flagman.

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted George S. Perkin, U. S. Deputy Surveyor, in surveying all those parts or portions of the Exterior boundary lines of Townships 4 & 5 South Range 33 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.

- William F. McReynolds, Compassman.
- Malcolm E. Sturdivant, Chainman.
-, Chainman.
-, Chainman.
- Thomas Gilliland, Axeman.
-, Axeman.
-, Flagman.

Subscribed and sworn to before me, this this tenth day of September 1884.

[SEAL.]

George S. Perkin
U. S. Dep. Surveyor

FINAL OATH OF DEPUTY SURVEYOR.

I, George S. Pershin

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 28th day of

July, 1881, I have well, faithfully, 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, surveyed all those parts or portions of Exterior boundaries

of Townships 4 & 5 - South Range 33 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 8, 1846.

George S. Pershin
U. S. Deputy Surveyor.

Subscribed and sworn to before me, this twenty-second
day of October, 1881.

James C. Tolman
Surveyor General
Oregon

Office U. S. Surveyor General,

Portland, Oregon, *DEC. 9* 188*1*

The following Field Notes of the Survey of

The Ext. of T- 4 & 5
S. R. 33 E.

executed by *Geo S. Pesham*

under *his* contract No. *2410*

dated *July 28* 188*1*, 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.