

FIELD NOTES

Of the survey of the Exterior bound-
dary Lines of Township 4 South
Range 30 East, Willamette Meridian,
 Oregon, as surveyed by George S.
Pershin, U. S. Deputy Surveyor,
 under his Contract No. 430, dated
March 23^d, 1882

Survey commenced, June 11th 1882
 Survey completed, June 11th 1882

NAMES AND DUTIES OF ASSISTANTS.

-, Compassman.
- Frank F. Ellis, Chainman.
- William P. Mullins, Chainman.
-, Chainman.
-, Chainman.
- Valentine Brown, Axeman.
-, Axeman.
-, Flagman.

PRELIMINARY OATHS OF ASSISTANTS:

We, Frank F. Ellis and
William P. Mullins

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 Township 4 South
Range 30 East Willamette Meridian, Oregon.

Frank F. Ellis, Chainman.

William P. Mullins, Chainman.

_____, Chainman.

_____, Chainman.

Subscribed and sworn to before me, this Ninth

day of June 1882.

[SEAL.]

George S. Pershin

A. U. S. Deputy Surveyor

We, Valentine Brown 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 ~~me~~ and to the best of our ~~my~~

skill and ability, in the survey of the Exterior lines of Township

4 South Range 30 East Willamette Meridian Oregon.

Valentine Brown, Axeman.

_____, Axeman.

Subscribed and sworn to before me, this Ninth day

day of June 1882.

[SEAL.]

George S. Pershin a

U. S. Deputy Surveyor

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Meanders of _____ Pages _____ to _____

Exteriors of T. 4 South R. 30 East
Willamette Meridian, Oregon.

I begin at the cor. to Town-
ships 4 and 5 South Ranges. 30 and
31 East which is a Stone marked
with six notches on N. E. S. and W.
edges from which

A Pine 20 ins dia brs. N. 56 E 54 lks dist
Marked T 4 S. R. 31 E. S. 31. B. T.

A Pine 22 ins di. brs S. 33° E 118 lks dist
Marked T 5 S. R. 31 E. S. 6 B. T.

A Pine 16 ins di. brs S 62° W. 39 lks dist
Marked T 5 S. R. 30 E S. 1 B. T.

A Pine 18 ins di. brs. N. 80° W. 80 lks dist
Marked T 4 S. R. 30 E. S. 36 B. T.

And with a Burt's improved Solar
Compass - Young of Philadelphia
Maker - Survey commenced

June 11th 1882

Thence I run

Exteriors of T. 4 South R. 30 East

Willamette Meridian, Oregon.

West on a random line along the
South boundaries of sections 36, 35, 34, 33,
32 and 31.

Pa.

East

and at 5 miles. 78 chs and 72 lks. I
intersected West Boundary 120 lks
South of cor. to Townships 4 and 5
South Ranges 29 and 30 East which is
a post 4 ins square marked with six
notches on N. E. S. & W. edges and marked
T 4 S. R. 30 E. S. 31. on N. E., T 5 S. R. 30 E. S. 6 on S. E.,
T 5 S. R. 29 E. S. 1 on S. W., and T 4 S. R. 29 E. S. 36 on N. W.,
A Pine 9 ins. di. brs. N. 62° E. 19 lks. dist
marked T 4 S. R. 30 E. S. 31. B. T.
A Pine 9 ins. di. brs. S. 34° E. 21 lks. dist
marked T 5 S. R. 30 E. S. 6 B. T.
A Pine 9 ins. di. brs. S. 68° W. 32 lks. west.
marked T 5 S. R. 29 E. S. 1 B. T.
A Pine 8 ins. di. brs. N. 44° W. 8 lks. dist
marked T 4 S. R. 29 E. S. 36. B. T.
My correction will be 20 lks. per mile

Exteriors of T. 4 South R. 30 East
Willamette Meridian, Oregon.

a true line along
S. 89° 51 E on the south boundary of Sec. 31
Va. 19° 00' East

17.50 A brook 4 lks wide co S.E

38.72 Set a basalt Stone 18 x 8 x 5 in in
mound of stone on level in open
glade Marke 1/4 on ~~W~~ N. face for
1/4 Sec. cor. from which

A Pine 48 ins di. lrs. N. 24° E 174 lks dist
no tree on S. side

59.50 A brook. 12 lks wide co. South

78.72 Set a basalt Stone 18 x 10 x 5 ins. 12 ins in
ground for cor. to Sec. 31. 32. 5 and 6
Marked with 5 notches on E. and 1 notch on

West edges from which
A Pine 8 ins di. lrs. N. 36° E 134 lks dist
marked T 4 S. R. 30 E. S. 32 B.T.

A Pine 28 ins di. lrs. S. 70° E. 179 lks dist
marked T 5 S. R. 30 E. S. 5 B.T.

A Pine 24 in di. lrs S. 54° W. 102 lks. dist
marked T 5 S. R. 30 E. S. 6 B.T.

A Pine 20 ins di. lrs. N. 78° W. 102 lks. dist
marked T 4 S. R. 30 E. S. 31. B.T.

Land: Surface rolling. Soil 3rd and 2nd
rate; Pine Tamarack and Fir tim-
ber with open glades.

Exteriors of T. 4 South R. 30 East
Willamette Meridian, Oregon.

a tree line along
S. $89^{\circ} 51'$ East on the South boundary of
Section 32

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

Undulating

4000 A Tamarack 5 ins. di. on N. E.

Slope for $\frac{1}{4}$ Sec. cor. Marked
 $\frac{1}{4}$ S. on N. face

A Tamarack 4 ins. di. brs. N. $38^{\circ} W.$ 12 lbs. dist
Marked $\frac{1}{4}$ S. B, T.

A Fir 6 ins. di. brs. S. $50^{\circ} E$ 5 lbs. dist
Marked $\frac{1}{4}$ S. B, T.

8000 Set a basalt stone ¹⁸ $18 \times 10 \times 5$ ins
12 ins in ground on level for
cor to Sec. 32, 33, 4, and 5
Marked with 4 notches on E and
2 notches on W. edges

A Pine 16 ins. di. brs. N. $68^{\circ} E$ 180 lbs. dist
Marked T. 4 S. R. 30 E. S. 33. B, T.

A Pine 20 ins. di. brs. S. $72^{\circ} E$ 149 lbs. dist
Marked T. 5 S. R. 30 E. S. 4 B, T.

5

9

Exteriors of Township No. 4 South Range 30 East
Willamette Meridian, Oregon.

A Pine 24 ins. dia. br. S 53° W. 67 lbs dist
marked T 5 S. R. 30 T. S. 5 B. T.

A Pine 20 ins. di. br. N. 64° W. 42 lbs. dist
marked T 4 S. R. 30 T. S. 32 B. T.

Land. Surface rolling. Soil
3rd and 2nd rate; Dense young
timber, Pine Tamarack and
Fir and underbrush ~~the same~~ Pine and
Tamarack with some open glades

14

6

Exteriors of Township No. 4 South Range 30 East
Willamette Meridian, Oregon.

on a true line
S. $89^{\circ} 57'$ East, along the South bound-
ary of Sec. 33
Pa. $20^{\circ} 15'$ East

- 40.00 Set a basalt stone $14 \times 12 \times 6$ ins.
10 ins. in ground on level for
 $\frac{1}{4}$ Sec. cor. Marked $\frac{1}{4}$ on N. face
A Pine 6 ins. di. lrs. North 11 lrs dist
Marked $\frac{1}{4}$ S. B.T.
- A Pine 10 ins. di. lrs. S. $42^{\circ} E$, 20 lrs. dist
Marked $\frac{1}{4}$ S. B.T.
- 44.20 A brock. 10 lrs. wide co. South
- 80.00 Set a basalt stone $16 \times 10 \times 4$ ins
on level in mound of stone
for cor. to Sec. 33, 34, 3 and 4
Marked with 3 notches on E and
W. edges from which
A Pine 10 ins. dia. lrs. N. $38^{\circ} E$, 126 lrs. dist
Marked T4S. R. 30 E. S. 34 B.T.
- A Pine 9 ins. di. lrs. S. $39^{\circ} E$, 47 lrs dist
Marked T5S. R. 30 E S. 3 B.T.

Exteriors of Township No. 4 South Range 30 East
Willamette Meridian, Oregon.

A Pine 24 ins. dia. brs. S 37° W. 15 lbs. dia
Marked T 5 S. R. 30 E. S. 4. B. T.

A. Pine 22 ins. di. brs. N. 45° W. 18 lbs. dia
Marked T 4 S. R. 30 E. S. 33 B. T.

Land: Surface rolling.
Soil. 3rd & 2nd rate; Dense young
Pine. Tamarack and Fir
timber with some under-
growth. Some open glades

Exteriors of Township No. 4 South Range 30 East
Willamette Meridian, Oregon.

S. $89^{\circ} 51'$ East on a true line along the
South Boundary of Sec. 34

Wa. $17^{\circ} 30'$ East -

Pundulating

40,00 Set a basalt Stone $14 \times 10 \times 4$ ins.

10 ins. in ground on N.W. Slope for

$\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on

North face

A Pine 6 ins dia. brs. N. 28° W. 38 lbs dist

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

A Tamarack 9 ins di. brs. S. 22° W. 17 lbs dist

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

80,00 Set a basalt Stone $12 \times 8 \times 7$ ins.

8 ins in ground, on slight S

Slope in open glade for cor.

to Sec. 34, 35, 2 and 3 marked

with 4 notches on N. and 2 notches

on E edges

A Pine 26 ins. di. brs. N. 71° E. 109 lbs. dist

marked. T4S. R. 30 E. S. 35 B, T

Exteriors of Township No. 4 South Range 30 East
Willamette Meridian, Oregon.

A Pine 14 ins. di. brs S. 14° E 126 lbs dist
Marked T 5 S. R. 30 E. S. 2 B. T.

A Pine 24 ins. di. brs S. 38° W. 147 lbs dist
Marked T 5 S. R. 30 E. S. 3 B. T.

A Pine 20 ins. di. brs N. 50° W. 126 lbs dist
Marked T 4 S. R. 30 E. S. 34 B. T.

Land: Surface undulating
Soil 3rd & 2nd rate; mostly
Scattering open Pine Tam-
arack and Fir timber
with open glades

Exteriors of Township No. 4 South Range 30 East
Willamette Meridian, Oregon.

S $89^{\circ}51'$ East on a true line along the
South boundary of Sec. 35
wa. 2nd $45'$ East

Punctuating

4000 Set a basalt Stone $18 \times 12 \times 5$ ins
12 ins in ground on slight N.E.
Slope for $\frac{1}{4}$ S. cor. marked
 $\frac{1}{4}$ on N. face

A Pine 28 ins. dia. brs. N. 8° E 72 lbs dist
marked $\frac{1}{4}$ S. B.T.

A Pine 9 ins dia. brs. S. 77° E. 50 lbs dist
marked $\frac{1}{4}$ S. B.T.

8000 Set a basalt stone $18 \times 12 \times 6$ ins
in mound of stone in open
glade on level for. cor. to Sec
35. 36. 1 and 2. marked
with 5 notches on west and
one notch on E edges

A Pine 8 ins. dia. brs N. 79° W. 226 lbs. dist
marked T 4 S. R. 30 E. S. 35 B.T.

Exteriors of Township No. 4 South Range 30 East
Willamette Meridian, Oregon.

No other trees near
Raised a mound of
stone along side in lieu
of pits

Land: Surface undulating
Soil 3rd & 2nd rate. Pine Tam-
arack and Fir timber
with open glades.
good grass

12 16

Exteriors of Township No. 4 South Range 30 East
Willamette Meridian, Oregon.

S. $89^{\circ} 51'$ East on a true line along the
South boundary of Sec. 36

wa $19^{\circ} 30'$ East -

Undulating & descending

4000 Set a basalt stone $18 \times 12 \times 5$ ins
on level, in open glade in
mound of stone for $\frac{1}{4}$
Sec. cor. marked $\frac{1}{4}$ on North
face. Raised mound of
stone along-side in
line of pits

8000 The cor. to Townships 4 and
5 South Ranges 30 and 31
east.; descent about
100 feet

Land: surface undulating
Soil 3rd & 2nd rate. Some
scattering Pine timber
mostly open good
grass.

June 11th 1882

Excerpts of T. 4 South R. 30 East
Willamette Meridian, Oregon.

General Description

This township is nearly all a plateau the larger part undulating or slightly rolling, there is one deep canyon in the N.W. part occupying nearly three sections; The soil is larger part 3rd rate about $\frac{1}{4}$ 2nd rate and adapted to farming, a small part 1st rate; About $\frac{1}{4}$ is heavily timbered $\frac{1}{4}$ Prairie remainder open or scattering timber
Prairie and open timber produces excellent grass

There are two settlements in this Township

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FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by George S Pershin, 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 Boundary lines of Township 4 South Range 30 East — Willamette Meridian, Oregon, showing the respective capacities in which they acted :

-, Compassman.
-, Chainman.
- Frank F. Ellis....., Chainman.
- William P. Mullins....., Chainman.
-, Axeman.
- Valentine Brown....., Axeman.
-, Flagman.

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted George S Pershin, U. S. Deputy Surveyor, in surveying all those parts or portions of the Exterior boundary lines of Township 4 South Range 30 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.

-, Compassman.
- Frank F. Ellis....., Chainman.
- William P. Mullins....., Chainman.
-, Chainman.
-, Chainman.
- Valentine Brown....., Axeman.
-, Axeman.
-, Flagman.

Subscribed and sworn to before me, this twentieth day of

June 1882
.....
[SEAL.] George S Pershin
A U. S. Deputy 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 23 day of

March, 1882, 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 lines

of Township 4 South Range 30 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 14th

day of July, 1882

Ed. F. Lewis
Notary Public

Office U. S. Surveyor General,

Portland, Oregon, Aug 12 1882

The following Field Notes of the Survey of
the Exterior lines of Township
4 South Range 30 East Willamette
Meridian Oregon
executed by George S. Pershin U.S.
Dept. Surv. under his contract No. 430
dated March 23 1882, having been
critically examined, the necessary corrections and ex-
planations made, the said field notes and the survey
they describe, are hereby approved.

James C. Tolman
Surveyor General.