

FIELD NOTES

Of the survey of the *Exterior Boundary*
 T. 5 South -----, R. 32 East-----

Willamette Meridian, Oregon,

Executed by

George S. Pershin-----

U. S. Deputy Surveyor--, under *his* contract

No. *390*, dated *Nov 12* ^{*th*}----- 188*1*-----

List of the names of the persons employed to assist in running, measuring and marking the lines of the foregoing survey :

J. C. F. Randall----- Chainman.

William P. Pearson----- Chainman.

----- Chainman.

Frank Rippey----- Axeman.

----- Axeman.

----- Flagman.

PRELIMINARY OATHS OF ASSISTANTS:

We, *J. C. F. Randall* and
William P Pearson

do solemnly swear that we will faithfully execute the duties of Chain Carriers, that we will level the chain upon uneven ground, and plumb the tally pins, whether 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.

J. C. F. Randall Chainman.

William P Pearson Chainman.

Chainman.

Subscribed and sworn to before me, this *27th*

day of *May* 188*1*.

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

I
do solemnly swear that *I* will well and truly perform the duties for which
I have been ~~severely~~ employed according to instructions, and to the best
of *my* skill and ability.

Frank Rippey Axeman.

Axeman.

Subscribed and sworn to before me, this *twenty seventh*

day of *May* 188*1*.

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

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Referring the Lines to the pages of the Field Notes.

Town. *5 South* Range *32 East* Will. Mer.

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6	5	4	3	2	1	<i>7</i>
7	8	9	10	11	12	<i>6</i>
18	17	16	15	14	13	<i>5</i>
19	20	21	22	23	24	<i>4</i>
30	29	28	27	26	25	<i>3</i>
31	32	33	34	35	36	<i>1</i>

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Extension ⁴⁸² lines of T. No 5 South R. No 32 East -
Willamette Meridian, Oregon.

I begin at the corner to Townships
5 South Ranges 32 and 33 East on
the 1st Standard Parallel South
of Base Line The monument
is in good repair viz.

A Post properly marked and witness
trees Standing

A Pine 8 in. di. br. N. 72° E 111 the dist

" " 18 " " N. 20° W. 16 " "

And with Burts improved Solar
compap. (Young of Philadelphia maker).

Drive North on the East Boundary
of Section 36

on. $18^{\circ} 45'$ East

4.00 Leave timber co. S.E. & N.W.

40.00 Set Basalt Stone $14 \times 12 \times 3$ on level in
mound of stone for $\frac{1}{4}$ Sec. cor.

66.00 begin descent of Creek bluff
and enter Timber co N.W. & S.E.

Exterior lines of T. 5 South R. 32 East 483

Willamette Meridian, Oregon.

8000 Set basalt Stone $14 \times 10 \times 7$ on East-100
face of bluff for corner to Sec. 25,
36, 30 and 31

A Tamarack 8 in. diam. brs N. 30° E. 10 lks. dist.

" " 6 " " S. 30° E. 19 " "

" " 16 " " S. 32° W. 72 " "

" " 17 " " N. 25° W. 43 " "

Land: Surface south 66 chs undulating
N. 14 chs steep hillside: Soil 2nd and 3rd rate
S. 66 chs open and good grass. N. 14 chs
heavy Pine Fir & Tamarack timber
with some underbrush

484
 Exterior lines of T. 5 South R. 32 East
 Willamette Meridian, Oregon.

North on the East Boundary of sec. 25
 Va. $16^{\circ} 05'$ East

Along down E. face of creek bluff

40.00 Set basalt Stone $14 \times 12 \times 10$ in creek
 bottom for $\frac{1}{4}$ Sec. cor.

A Spruce 10 in. di. brs. N. 23° W. 14 lks. dist.

" " 6 " " " S. 22° E 18 " "

42.00 Cable Creek 30 lks wide Co. N. W. ²⁰⁰ - 200

78.00 Leave timber co. S. E. & N. W. ²⁵⁰ + 250

80.00 Set basalt Stone $18 \times 14 \times 4$ in mound
 of stone on S. W. face of bluff for
 cor. to sec. 24, 25, 19, and 30

A Pine 28 in. di. brs S 4° E. 146 lks. dist.

" " 26 " " " S 12° W. 177 " "

No other trees.

Land: Surface very broken and precipitous; Soil 3rd and small part 2nd rate heavy Tamarack; Pine & Fir timber with some open glades; some under brush Willow Alder and young timber good grass in openings

Exterior lines of T. 5 South R. 32 East 485

Willamette Meridian, Oregon.

North on the East Boundary of Sec. 24
ca. 20° 15' East

4.00
4.00 on level Prairie

40.00 Set Basalt Stone 16 x 12 x 4 on slight

N. W. slope for 1/4 Sec. cor.

80.00 Set basalt Stone 18 x 12 x 10 and Post-
in Mound of Stone on slight

N. W. Slope for cor. to Sec. 13,
24. 18 and 19

no trees

Land: Surface slightly undulating
Soil 2nd & 3rd rate. good grass
Some good farming land

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486
Exterior lines of T. 5 South R. 32 East
Willamette Meridian, Oregon.

North on the East Boundary of Sec 13
wa. $19^{\circ} 30'$ East

40.00 Set-basalt Stone $16 \times 14 \times 7$ in mound
of Stone on level for $\frac{1}{4}$ Sec. cor.

80.00 Set basalt Stone $20 \times 10 \times 5$ - on north
slope west of shallow ravine in
mound of Stone for cor to Sec.
12, 13, 7 & 18

A Pine 10 in. di. brs. N. 70° E. 56 lbs. dist
" " 7 " " S. 18° E. 60 " "

no other trees

Land: Surface slightly undulating
Soil 2nd & 3rd rate. good grass;
about $\frac{1}{2}$ good farming land
A few scattering Pine trees

Exterior lines of T. 5 S out R. 32 East 48⁵ -

Willamette Meridian, Oregon.

North on the East Boundary of Sec. 12
 Pa. $18^{\circ} 45'$ East.

17.00 Spring branch & strip of timber
 co. N.W. & S.E

40.00 Set basalt stone $20 \times 10 \times 6$ on slight
 N.W. Slope for $\frac{1}{4}$ Sec. cor.

80.00 Set basalt stone $18 \times 10 \times 5$
 and post in mound of stone on
 level for cor. to Sec. 1, 12,
 6 and 7

Land: Surface undulating;
 Soil 2nd and 3rd rate. good grass.
 Some scattering pine timber
 Some good farming land

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Exterior lines of T. 5 South R. 32, East

Willamette Meridian, Oregon.

North on the East Boundary of Sec. 1
ca. 20° 45' East.

40.00 Set basalt-stone 16 x 12 x 4 on level
in mound of stone for $\frac{1}{4}$ Sec. cor.
54.50 A Brook 30 lbs wide co. N.W. ⁻³⁰⁰ - 3'
and deep canyon

80.00 Set Pine post 5 in. square and
5 ft long in mound of stone
on level for corner to Town-
ships. 4 & 5 South Ranges
32 & 33 East

no trees near

Land: Surface slightly undu-
lating except brook canyon
Soil 3^d & 2nd rate; heavy Pine Jam
a rack & Fir timber in canyon
grass on prairie

May 30th 1881

Took observation on Palaris, upon
trial My compass indicated an error
8' West of Meridian

FINAL AFFIDAVIT OF ASSISTANTS.

We hereby certify that we assisted George S. Pershian

Deputy Surveyor, in surveying the Exterior lines of Township 5 South Range 32 East

Willamette Meridian, Oregon, and that said lines have been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the boundary monuments planted according to the instructions furnished by the Surveyor General; and we do further swear that we, each of us, performed the work assigned us, faithfully to the best of our ability, in the capacity hereby indicated by our signatures.

J. L. Dardall Chainman.

William P. Pearson Chainman.

Chainman.

Frank Rippey Axeman.

Axeman.

STATE OF OREGON,
County of Umatilla

Subscribed and sworn to before me, this 29th
day of June 1881.

Wm. A. Caldwell
Justice of the Peace

Frank Rippey sworn by G. S. Pershian
June 12th

Diagram of T. No. 5 South R. No. 32 East

80.00	80.00	80.00	80.00	80.00	80.00
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36
					00.08 00.08 00.08 00.08 00.08 00.08 80.00

OATH OF CHAINMEN.

We, J. C. F. Randall &
William P. Pearson Chainmen, hereby certify
 and solemnly swear that we have carefully and faithfully chained all the lines of the
 surveys shown by the annexed diagram of township 5 South Range
22 East, and that the measurements of the same, as determined
 by us, are correctly recorded thereon.

We further certify that the chains used by us in the aforesaid surveys were daily
 compared and corrected by standard measure; that all distances have been obtained
 by horizontal measurements, and that we have in all other respects discharged our
 duties in accordance with legal instructions.

J. C. F. Randall
William P. Pearson

Subscribed and sworn to before me, this 29th day of

June

1881

Wm. Caldwell
Justice of the Peace

OATH OF AXMEN AND MOUNDMEN.

We, Frank Rippey
 axmen and moundmen, in the
 survey of Exterior lines of T. 5. S. R. 32 E. Will. Merid
 hereby certify and solemnly swear that we have carefully and faithfully marked all
 the true lines and corners of the said surveys upon which measurements are shown
 upon the diagram hereto attached, in accordance with instructions and the require-
 ments of the surveying manual.

Frank Rippey

Subscribed and sworn to before me, this 13th day of

June

1881

George S. Perkins
A. W. S. Dep Sur

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FINAL OATH OF DEPUTY SURVEYOR.

I, George S. Pershin

United States Deputy Surveyor, do solemnly swear that I have, in my own proper person, and with the necessary assistance, well, truly and faithfully executed the

Exterior Boundary surveys of Township 5 South
Range 32 East Will. Mer. under my contract with
James C. Tolman United States Surveyor-

General for Oregon, No. 390, bearing date May 12'

1887; that in making the said survey I have used only such instruments as were approved by the said Surveyor-General, exercising due care in the preservation of adjustments of the same; that in using the solar compass I have at no time projected established lines depending for alignment upon the magnetic needle; that I have in all respects complied with the laws of the United States governing public-land surveys, the surveying manual, and such additional instructions as have been furnished me by and through the said Surveyor-General relating to the aforesaid survey; that I have thoroughly acquainted my assistants in the field with the nature of their duties under the laws and instructions above mentioned; that to the best of my knowledge and belief all assistants so employed have likewise obeyed the aforesaid laws and instructions, and that the annexed field-notes are the original, true and correct returns of the said surveys.

George S. Pershin
Deputy Surveyor.

Subscribed and sworn to before me, this fifth day of

July 1887

James C. Tolman
Surveyor General

Office U. S. Surveyor General,

Portland, Oregon, *July 9* ----- 1881

The foregoing Field Notes of the survey of *the*
Exterior lines of Township 5 South Range 32 East
Willamette Meridian Oregon

executed by *George S. Pashin U. S. Deputy Surveyor*

under *his* ----- contract No. *390*

dated *May 12* ----- 1881, 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.