

## 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* <sup>*th*</sup>----- 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 *27<sup>th</sup>*

day of *May* 188*1*.

*George S. Pershin*  
*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. Pershin*  
*U.S. Dep. Sur.*

# INDEX.

Referring the Lines to the pages of the Field Notes.

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

<i>9</i>	<i>10</i>	<i>11</i>	<i>12</i>	<i>13</i>	<i>14</i>	
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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488  
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. <sup>-300</sup> - 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<sup>d</sup> & 2<sup>d</sup> rate; heavy Pine Jam  
a rack & Fir timber in canyon  
grass on prairie

May 30<sup>th</sup> 1881

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

Exterior lines of T. 5 South R. 32 East

Willamette Meridian, Oregon.

Went on a random line along  
the north boundaries of sections  
1. 2. 3. 4. 5. and 6. set tem-  
porary mile and half mile posts at  
every 40 and 80 chains and  
at 6 miles to a point  
240 lbs north of cor to Township  
4 & 5 South; Ranges 31 & 32  
East Making my correction  
40 lbs south per mile and  
my course N. 89° 43' East

I therefore began at the cor.  
to Townships 4 & 5 South  
Ranges 31 & 32 East and  
with Burt's Improved Solar  
Compass I ran

9

490

Exterior lines of T. 5 South R. 32 East

Willamette Meridian, Oregon.

N.  $89^{\circ} 43'$  East on a true line along the  
North Boundary of Sec. 6  
ca.  $19^{\circ} 30'$  East

40.00 Set basalt stone  $14 \times 10 \times 7$  on  
slight East slope for  $\frac{1}{4}$  Sec. cor.

80.00 Set Pine post in mound of stone  
on level for cor. to Sec.  
5, 6, 31 and 32

Land: Surface undulating;  
Soil 2<sup>nd</sup> rate. good grass  
good farming land

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

N. 89° 43' East on a true line along the  
North Boundary of Sec 5  
wa. 190° 15' East

35.00 Enter timber co S.E. & N.W

40.00 Set basalt stone 12x10x4 on  
slight South slope for 1/4 sec. cor.

A Pine 24 in. di. br. N. 57° E 122 lbs. dist,

" " 14 " " S. 26° W. 101 " "

80.00 Set Pine post on level for cor to  
Sec. 4. 5. 32 & 33

A Pine 8 in. di. br. N. 38° E, 38 lbs. dist,

" " 8 " " S. 52° E. 27 " "

" " 8 " " S. 53° W. 22 " "

" " 5 " " N. 38° W. 14 " "

Land: Surface undulating;

Soil 1<sup>st</sup> & 2<sup>nd</sup> rate. heavy Pine

& Tamarack timber on E 50 chs

good grass on open land

Mostly good farming land

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492

Exterior lines of T. 5 South R. 32 East

Willamette Meridian, Oregon.

N.  $89^{\circ} 43'$  East on a true line along the  
North Boundary of Sec. 4

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

24,000 Leave heavy timber to N. & S.

40,000 Set Pine post in ground for  
 $\frac{1}{4}$  Sec. cor. on level

Pine 10 in di, brs. S.  $11^{\circ}$  W. 286 lbs dist  
w tree north

80,000 Set basalt stone  $16 \times 10 \times 4$  on  
level in scale for cor. to  
Sec. 3, 4, 33 & 34

A Pine 6 in di, brs, N.  $38^{\circ}$  E, 123 lbs, dis.

" " 6 " " " S  $74^{\circ}$  E. 133 " "

" " 5 " " " S  $50^{\circ}$  W. 110 " "

" " 5 " " " N.  $18^{\circ}$  W. 122 " "

Land: Surface undulating: Soil  
2<sup>nd</sup> & 3<sup>rd</sup> rate: Pine timber with  
openings of prairie good  
grass in ~~the~~ open glades  
mostly good farming land



Exterior lines of T. 5 South R. 32 East

493

Willamette Meridian, Oregon.

N. 89° 43' East on a true line along the North  
Boundary of Sec 3

40.00

ca. 18° 45' East-

4000 Set basalt stone 12 x 10 x 5 in  
mound of stone on slight S.W.

80.00

Slope for 1/4 Sec. Cor.

8000 Set basalt stone 14 x 12 x 4 in

mound of stone on south  
slope for cor to Sec. 2, 3,

34. & 35

A Pine 6 in dbh. N. 88° E 76 lbs. dist.

" " 11

S. 31° E 165 " "

no other trees

Land surface undulating! Soil  
2<sup>nd</sup> & 3<sup>rd</sup> rate; occasional  
groves of pine timber, good  
crop. Some good farming  
land

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494

Exterior lines of T. 5 South R. 32 East

Willamette Meridian, Oregon.

N.  $89^{\circ}43'$  East on a true line along the  
North Boundary of Sec. 2  
wa.  $20^{\circ}$  100' East

40,000 Set basalt stone  $18 \times 10 \times 8$  in  
mound of stone on south slope  
for  $\frac{1}{4}$  Sec. cor.

80,000 Set Basalt stone  $14 \times 12 \times 5$  & post  
in mound of stone on  
south slope for cor. to Sec  
1, 2, 35 and 36

Land: Surface undulating  
Soil 2<sup>nd</sup> & 3<sup>rd</sup> rate: good  
grass. Some good farming  
land

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

Willamette Meridian, Oregon.

N.  $89^{\circ} 43'$  East on a true line along the North  
Boundary of Sec. 1

11.50

wa.  $21^{\circ} 00'$  East -

11.50 Ravine co. S.W. &amp; Enter timber

40.00

40.00 Set basalt stone  $20 \times 14 \times 5$  on steepS.E. face of creek bluff for  $\frac{1}{4}$  Sec. cor

Pine 10 in. di. brs. South 25 lbs. dist.

no tree on north

49.50

49.50 Camas Creek 40 lbs. wide co S.W. - 250

66.50

66.50 on bluff &amp; Leave timber N.E. &amp; S.W. + 250

80.00

80.00 The cor to Townships 4 &amp; 5 South

Ranges 32 &amp; 33 East -

Land. Surface very broken except  
E. 14 chs: Soil 5 & small part 2' red  
Mostly heavy Pine, Tamarack &  
Fir timber. good grass in  
openings

May 31 1881

Exterior lines of T. 5 South R. 32 East

497

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Willamette Meridian, Oregon.

### General Description

The surface is mostly undulating in the Southern part some hilly and broken; Soil the larger part is good 2<sup>nd</sup> rate probably  $\frac{1}{10}$  first rate and remainder 3<sup>rd</sup> rate about  $\frac{1}{4}$  is covered with timber Pine, Tamarack & Fir. It is well watered with Springs & creeks and if the climate does not prove too severe it will be a fine agricultural township. there are four permanent settlers and a larger number of new claims taken. This Township should be subdivided

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 29<sup>th</sup>  
day of June 1881.

Wm. A. Caldwell  
Justice of the Peace

Frank Rippey sworn by G. S. Pershian  
June 12<sup>th</sup>

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 29<sup>th</sup> 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 13<sup>th</sup> 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.