

FIELD NOTES

Of the survey of the *Exterior lines*

T. *No 4 South*, R. *No. 32 East*

Willamette Meridian, Oregon,

Executed by

George S. Pershin

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

No. *390*, dated *May 12* 1881

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 J. Pearson Chainman.

Chainman.

Charles G. 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 1881

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

J. Charles G. Rippey

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

Charley G. Rippey Axeman.

Axeman.

Subscribed and sworn to before me, this 13th day of June 1881

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

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Referring the Lines to the pages of the Field Notes.

Town. *4 South* Range *32 East* Will. Mer.

	<i>12</i>	<i>11</i>	<i>10</i>	<i>9</i>	<i>8</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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 Exterior lines of T. 4 South R. 32 East
 Willamette Meridian, Oregon.

I begin at the corner of
 Townships 4 & 5 South Ranges
 32 and 33 East and with
 Burts Improved Solar compass
 (corner Post in mound of
 stone on prairie.) I run
 north on the range line along
 East Boundary of Sec. 36
 or 2000 East

- 20.00 Enter timber co N.E & S.W and
 begin descent of steep bluff
- 32.00 Camas Creek 80 lbs wide co S.W. - 300
- 40.00 Set basalt stone 16 x 8 x 5 on
 west bank of creek for $\frac{1}{4}$ Sec. cor
 Tamarack. 8 in. di. br. S. 12° E. 17 lbs. dist.
- " Pin 8 " " " N. 22° W. 12 " "
- 60.50 Same creek co S.E.
- 66.00 " " " S.W.
- 80.00 Set basalt stone 14 x 12 x 7 on + 300
 steep S.E. face of creek bluff for
 cor to Sec 25, 26, 35 & 36

Exterior lines of T. 4 South R. 32 East 447

Willamette Meridian, Oregon.

A Pine	10 in. di. brs.	N. 88° E.	35 lbs.	dist,
" "	8	S. 38° E.	14	" "
" "	14	S. 87° W.	60	" "
" "	15	N. 34° W.	58	" "

Land; Surface S 20 chs nearly level N. 60 chs very broken; Soil 3rd & 2nd rate. on N. 60 chs heavy Pine, Tamarack, and Fir timber, S 20 chs Prairie; Some thick underbrush on North 60 chs

Took observation on North Star and on testing my compass by the Sun it indicates an error of 6' East of Meridian

June 12th 1887

Exterior lines of T. 4 South R. 32 East
Willamette Meridian, Oregon.

North on the East boundary of Sec. 25
N. 21° 00' East-

19.50 On bluff co. N. E & S. W. + 100

40.00 Set basalt Stone 14 x 12 x 5 on - 150

S. E. Slope for 1/4 Sec cor

A Pine 5 in. di. brs. N. 80° E. 17 lbs. dist.

" Samarack 18" " " S 60° W. 3 " "

80.00 Set basalt Stone 18 x 10 x 4 on level + 150

for cor. to Sec. 24 x 25 x 19 & 30

A Pine 20 in. di. brs. N. 24° E. 155 lbs. dis.

" " 8 " " " S. 70° E. 105 " "

" " 10 " " " S 27° W. 74 " "

" " 9 " " " N. 28° W. 87 " "

Land: Surface very rolling

Soil 3rd & 2nd rate; Mostly heavy

Pine Samarack & Fir timber with

open glades; Some underbrush;

good grass in open glades

Exterior lines of T. 4 South R. 32 East
Willamette Meridian, Oregon.

North on the East Boundary of Sec 24
to $19^{\circ} 45'$ East

- 40.00 Set basalt stone $18 \times 12 \times 5$ in ravine⁻¹⁵⁰
on west bank of brook for $\frac{1}{4}$ sec. cor
A Tamarack 20 in. di. brs. N. 45° E. 26 lbs. dist.
' Fir 8 " " S 42° W. 60 " "
41.00 In brook, 12 lbs wide co. from N. to S.E.
47.00 Leave " " " " from N.E.
80.00 Set basalt stone $14 \times 12 \times 4$ on S.W.
slope for cor. to Sec. 13, 24, 18 & 19
A Pine 8 in. di. brs. N. 24° E. 135 lbs. dist.
" " 10 " " S. 12° E. 74 " "
" " 10 " " S. 53° W. 94 " "
" " 22 " " N. 23° W. 79 " "

Land: Surface very rolling; Soil
2nd & 3rd rate; heavy Pine, Tam-
arack, & Fir timber with open
glades. Some underbrush;
good grass in glades

Exterior lines of T. 4 South R. 32 East
Willamette Meridian, Oregon.

North on the East Boundary of sec. 13.

Pa. 20° 30' East

40.00 Set basalt Stone 18 x 12 x 8 on south
Slope for 1/4 Sec, cor.

A Pine 17 in. di. br. S. 54° E, 85 lks dist

" 15 " " N. 68° W. 82 " "

56.00 On ridge co E & W. + 100

73.50 A Brook 6 lks. wide co East - 300

80.00 Set basalt Stone 18 x 8 x 5 on + 200

steep South side of rocky point
for cor. to Sec. 12. 13. 7 & 18

A Pine 14 in. di. br. N. 62° E, 16 lks. dist.

" 7 14 " " S. 14° E, 50 " "

" 18 " " S. 80° W. 75 " "

No tree N. W.

Land: South part very rolling
north part very broken: soil
3rd & 2nd rate! heavy Pine, Tam-
arack & Fir timber with open
glade: Some dense young timber
under brush

Exterior lines of T. 4 South R. 32 East
Willamette Meridian, Oregon.

North on the East Boundary of sec. 12
wa. 18° 00' East-

40.00 Set Basalt Stone 14 x 12 x 5 on East
face of ridge for 1/4 sec. cor.

A Pine 14 in. di. brs. S. 36° E. 50 lbs. dist,
" " 5 " " " N. 28° W. 16 " "

Along E. face of ridge

80.00 Set basalt stone 16 x 8 x 7 on
east slope of ridge for cor,
to Sec. 1, 12, 6, & 7

A Pine 11 in. di. brs. N. 18° E. 129 lbs. dist,
" Fir 14 " " " S 36° E. 54 " "
" 12 " " " S 56° W. 36 " "
" 12 " " " N. 58° W. 27 " "

Land: Surface E slope of
mountain ridge; Soil
3rd & 2nd rate; heavy Pine, Tam-
arack & Fir timber with open
glades. Some under brush
good grass in open glades

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Exterior lines of T. 4 South R. 32 East
Willamette Meridian, Oregon.

North on the East Boundary of Sec. 1

Co. $19^{\circ} 15'$ East —

25.00 Brook. 6 lbs. wide Co. East — 200

40.00 Set basalt Stone $15 \times 9 \times 5$ on + 150

west slope of ridge for $\frac{1}{4}$ Sec. cor.

A Pine 8 in. di. brs. S. $85^{\circ} E$ 9 lbs. dist.

" Tamarack 7 " " N. $75^{\circ} W$. 28 " "

56.50 Spring branch Co. S. W.

63.00 in " " " S. E from North

69.00 Leave Spring branch. from N. E

80.00 Set basalt Stone $20 \times 8 \times 4$ on E. slope ⁺¹⁵⁰

of ridge for. cor. to Townships

3 and 4 South Ranges, 32 and

33 East Willamette Meridian

A Pine 8 in. di. brs. N. $32^{\circ} E$. 9 lbs. dist.

" " 10 " " " S. $36^{\circ} E$ 31 " "

" " 7 " " " S. $28^{\circ} W$. 4 " "

" Fir 5 " " " N. $42^{\circ} W$. 62 " "

Sand: Surface broken; Soil $3^{\circ} 2^{\circ}$ rate
heavy. Pine, Tamarack & Fir timber with open
glades — grass in open glades: Some
under brush

June 13' 1887

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FINAL AFFIDAVIT OF ASSISTANTS.

We hereby certify that we assisted George S. Fisher

Deputy Surveyor, in surveying
the Exterior lines of T 4 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. B. G. Kendall Chainman.

William T. Pearson Chainman.

Chainman.

Charley Rippey Axeman.

Axeman.

STATE OF OREGON,
County of Umatilla }

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

Wm Caldwell

Justice of the Peace

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Diagram of T. 4 South R. 32 East

	5663	80.00	80.00	80.00	80.00	
6	5	4	3	2	1	80.00
7	8	9	10	11	12	80.00
18	17	16	15	14	13	80.00
19	20	21	22	23	24	80.00
30	29	28	27	26	25	80.00
31	32	33	34	35	36	80.00

OATH OF CHAINMEN.

We, J. C. J. Randall, and
William J. 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 4 South Range
32 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. J. Randall
William J. Pearson

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

Wm Caldwell
Justice of the Peace

OATH OF AXMEN AND MOUNDMEN.

Charles G. Rippey
axmen and moundmen, in the
survey of Exterior of Township 4 South Range 32 E
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.

Charles G. Rippey

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

Wm Caldwell
Justice of the Peace

FINAL OATH OF DEPUTY SURVEYOR.

I, George J. Perskin
 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
4 South R. 3 2 East T. M. under my contract with
James C Tolman United States Surveyor-
 General for Oregon, No. 390, bearing date May 12th
1881; 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 preser-
 vation 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 afore-
 said laws and instructions, and that the annexed field-notes are the original, true
 and correct returns of the said surveys.

George J. Perskin
 Deputy Surveyor.

Subscribed and sworn to before me, this fifth day of
July 1881

James C Tolman
 Surveyor General

Office U. S. Surveyor General,

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

The foregoing Field Notes of the survey of the
Exterior lines of Township 4 South
Range 32 East Willamette Meridian
Oregon
 executed by *George S. Pershin 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.