

FIELD NOTES

Of the survey of the *Subdivisional*

Lines of Township

Willamette Meridian, Oregon,

Executed by *Geo. S. Pershin*

U. S. Deputy Surveyor, under his contract No. *332*

dated *July 29*, 18*79*

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

Norman C. Pershin Chainman.

Charles W. Laseur Chainman.

Chainman.

Fountain Black Axeman.

Axeman.

Flagman.

PRELIMINARY OATHS OF ASSISTANTS:

We, Homer C. Perskin and
Charles W. Laseur

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 assist in measuring, to the best of our skill and ability.

Homer C. Perskin Chainman.

Charles W. Laseur Chainman.

Chainman.

Subscribed and sworn to before me, this sixteenth

day of August 1879

George S. Perskin
Asst. Dep. Sur

Mountain Black and

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

Mountain Black Axeman.

Axeman.

Subscribed and sworn to before me, this sixteenth

day of August 1879

George S. Perskin
Asst. Dep. Sur.

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Town. 4 North Range 37 East Will. Mer.

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Subdivision of Township No. 4 N. Range 37 East
Willamette Meridian, Oregon.

I begin at the corner of
Sections 35 and 36 on the
South Boundary of the Township
and with Burt's Improved Solar Compass
I run

North between Sections 35 and 36

By ~~20~~ 20° 45' East

- 29.50 Spring Branch course west
40.00 Set Fir post on South slope
for 1/4 Sec. cor. from which
A Fir 10 in. diam. brs. East 34 lbs. dist.
Spruce 10 " " " West 13 " "
52.00 Wagon Road from Weston
to Summer Hill co. N. E. & S. W.
69.50 Wagon Road from Walla Walla to
La Grand course N. N. & S. E.
80.00 Set Fir post on N. E. hillside +150
at head of ravine for
corner to Sections 25, 26,
35 and 36 from
which a

Subdivision lines of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

493

- Spruce 28 in. diam. brs. N. 42° E 28 lbs. dist
- Fir 7 " " " S 50° E 33 " "
- Spruce 8 " " " S 46° W 23 " "
- " 12 " " " N. 65° W. 24 " "

Land: Surface rolling Mountain plateau; Soil 3rd rate; Heavy timber. Fir, Spruce, Tamarack and hemlock Yew and Alder underbrush

Note - I did not make any preliminary survey of the East and South boundaries of Section 36, because I had made those original surveys myself only about two months previous.

3.

494

Subdivision lines of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

East on a random line between sections 25 & 36

Pa. 19° East.

40.00 Set post for temporary $\frac{1}{4}$ sec. cor.

79.88 Intersected East Boundary 28 lks
south of corner to Sec. 25 and 36

from which corner I run
 $S 89^{\circ} 48'$ West on a true line between
Sections 25 and 36

Pa. $22^{\circ} 00'$ East

39.94 Set Fir post on west slope

for $\frac{1}{4}$ sec. cor. from which a
Tamarack 18 in. di. bs. $N. 18^{\circ} W.$ 31 lks dist.

" " " " $S. 40^{\circ} E.$ 22 " "

47.00 Enter Small Prairie course. $N. E. \& S. W.$

61.50 Wagon Road from Walle Walle. to

La Grand course $N. E. \& S. W.$

65.50 Enter timber co $N. \& S.$

79.88 The cor to Sec. 25, 26, 35 and 36 - 400

Sand: surface rolling; Soil 3rd rate;

heavy timber, except small prairie, Tam-

arack, Fir, Spruce and hemlock

Alder and Yew underbrush

Subdivisions of Township No. 4 North Range 37 East -
Willamette Meridian, Oregon.

North between sections 25 and 26

Pa. 19° East

24.25 Spring branch course N. W.

35.50 " Same " " N. E

40.00 Set Fir post on steep East hill-
side for $\frac{1}{4}$ sec. cor. from which a
Fir 5 in. di. brs. N. 18° E. 90 lks dist.

" 12 " " " N. 58° W. 125 " "

70.00 Cross Spur to West side

80.00 Set Basalt Stone $18 \times 12 \times 5$ on steep - 700
North side of spur for cor. to
Sec. 23, 24, 25, and 26.

A Fir 18 in. di. brs. S. 18° E. 335 lks dist

" " 22 " " " S 86° W. 380 " "

Land: Surface very broken and
mountainous; Soil 3rd rate
heavy timber on S^h half mile, N.
half mile scattering; Tamarack,
Fir, Spruce and hemlock
Alder and Yew underbrush

August 16th 1879

498
 Subdivisions of Township No. 4 North Range 37 East
 Willamette Meridian, Oregon.

East on a random line between Sec. 24 & 25
 Pa. $21^{\circ} 30'$ East

40.00 Set post for temporary $\frac{1}{4}$ sec. cor.

80.26 Intersected East Boundary 18 lks
 south of corner to Sec. 24 and 25
 from which cor I run
 $S. 89^{\circ} 52'$ West on a true line
 between Sec 24 and 25

Pa. $18^{\circ} 30'$ East

32.00 Cross to south side of Spur

40.13 Set Fir post on south side of spur
 in mound of stone for $\frac{1}{4}$ sec. cor.

A Fir 14 in. di. brs. $N. 8^{\circ} E.$ 168 lks. dist

No tree on South side

58.00 Spring branch course N.W. - 700

67.50 " " " " North

80.26 The cor. to Sec. 23. 24. 25 & 26 + 100

Land: Surface extremely broken
 and mountainous, Soil 3rd rate and
 worklep; some good timber but
 mostly scattering, Fir, Tamarack
 and Spruce

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

North between sections 34 and 35

Vec. $20^{\circ} 15'$ East

23.00 Spring branch course west

37.50 Wagon Road to Weston co. S.E. & N.W.

40.00 Set Fir Post on slight north slope for $\frac{1}{4}$ sec. cor.

A Spruce 11 in. di. br. S 43° E 6 lks dist

" 6 " " " S 28° N. 15 " "

42.50 Cabin 20 lks. east

47.00 Brook 4 lks. wide, co. West

80.00 Set Fir post on level for cor. +200

to sec. 26. 27. 34 and 35

A Fir 8 in. di. br. N. 47° E. 62 lks. dist

" 7 8 " " " S 20° E 10 " "

" 7 24 " " " S 44° N. 34 " "

" " 20 " " " N. 50° N. 42 " "

Land: ~~of~~ Surface, rolling moun-
tain table land; Soil 3rd rate;
heavy timber, Fir, Tamarack,
Spruce and hemlock, Alder
and Yew underbrush

7 498

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

East on a random line between sec. 26 & 35
Pa. 20° East

40.00 Set post for temporary 1/4 sec. cor.
80.68 Intersected N. & S. line 48 lks South
of corner to sections 25, 26, 35 and 36
from which cor. I run
S. 89° 39' West on a true line
between sections 26 and 35

Pa. 19° 00' East

4.00 Wagon Road from Walle Walle to
La Grand co. N.W. & S.E.

9.50 Spring Branch co N.W.

40.34 Set Fir post on N.W. hillside
for 1/4 sec. cor.

A Fir 20 in. di. brs. N. 56° W. 47 lks. dist.

" " 8 " " " S. 34° E. 31 " "

52.50 Spring Branch co S.W.

80.68 The cor. to Sec. 26, 27, 34 and 35

Land: Surface rolling; soil
3rd rate heavy timber with
small open glades. Fir, Tamarack
and Spruce, young growth
of timber and brush

8
499

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

North between sections 26 and 27
No 20° East

40.00 Set Fir post on north slope
for 1/4 sec cor. from which a
Tamarack 8 in. di. brs. N. 28° E. 9 lks. dist
" 9 " " " S. 63° W. 5 " "

70.00 Cabin one chain east

80.00 Set Fir post on level for cor.
to Secs. 22, 23, 26 and 27

A Pine 18 in. di. brs. N. 26° E. 90 lks. dist.

" Fir 6 " " " S. 34° E. 58 " "

" " 10 " " " S. 50° W. 108 " "

" Tamarack 5 " " " N. 28° W. 131 " "

Land: Surface rolling; soil
3rd rate; was all heavy timber
once but has been all cut off in
places but is still good in places.
Tamarack, Fir, Spruce and pine;
Yew and Alder underbrush

August 18 1879

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

East on a random line between sec. 23 & 26

Pa. 19° 30' East

40.00 set post for temporary 1/4 sec. cor

79.86 Intersected N. & S. line 38 lks.

North of cor to sec. 23, 24, 25 and 26

from which cor. I run
N. 89° 44' West on a true line

between sections 23 & 26

Pa. 21° 30' East

4.50 in gulch co North -100

26.00 on spur extending north +300

34.00 in gulch co North -300

39.93 set Basalt Stone 16 x 10 x 5 on +150

N.E. face of spur for 1/4 sec. cor. +

A Fir 18 in. di. br. N. 35° W. 55 lks dist

" " 13 " " S. 6° W. 27 " "

64.50 on bluff co. N.W. & S.E. +500

72.00 Road to Walla Walla co N.W. & S.E.

79.86 The cor. to sec. 22, 23, 26 and 27

Land: surface very broken and unmain-
tainous; Soil 3rd rate & worthless; some
good timber but mostly scattering
Fir, Pine, and Tamarack

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

North between sections 22 & 23

Qad 19° 30' East

7.50 Road to Walla Walla co. N.W. & S.E.

40.00 Set Tamarack post on north slope
for 1/4 sec. cor.

A Tamarack, 4 in. di. brs. N. 50° E. 28 lbs. dist

" " 4 " " " N. 3° W. 4 " "

62.00 Spring branch & gulch co N.E. - 250

80.00 Set Basalt Stone on east side

of Spur for corner to sections
14, 15, 22 & 23 from which a

Pine 20 in. di. brs. N. 53° E. 229 lbs dist

" 48 " " " S. 5° E 145 " "

" 4 " " " S 56° W 138 " "

No other tree near

Land; surface on S. 1/2 mile roll-
ing on N. 1/2 mile broken
soil 3rd and 2nd rate; heavy
timber in places and in
places scattering. Some
good farming land on
S. 1/2 mile

11 502

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

North between sections 33 & 34

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

40.00 Set Fir post on level for +100
 $\frac{1}{4}$ Sec. cor.

A Fir 10 in. di. brs. S. 74° E. 19 lks. dist.

" " 8 " " " N. 75° W 14 " "

65.50 Wagon Road to West line E & W,
and Cabin East about 3 chs

Mason Deardorff's

80.00 Set fir post on N. W. slope - 100
for cor. to Sec. 27. 28. 33 & 34

A Fir 20 in. di. brs. N. 12° E. 50 lks. dist.

" 4 8 " " " S 8° E. 32 " "

" 1 18 " " " S 48° W. 30 " "

" Spruce 14 " " " N. 12° W. 17 " "

Land: Surface rolling; soil
 3^{rd} & 2^{nd} rate; heavy timber
but much of it cut, Fir
Tamarack, Spruce and
hemlock. Yew, alder and
Willow underbrush

August 19 1879

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

East on a random line between sec. 27 & 34
Bearing 21° East

4000 Set post for temporary 1/4 sec. cor.
79.62 Intersected N. & S. line 32 lks
north of cor to sec. 26, 27, 34 & 35
from which cor. I run
N. 89° 46' West on a true line
between sec 27 and 34

Bearing 26° 00' East

39.81 Set Fir post in small open
glade for 1/4 sec. cor. on S.W.
hill side

A Fir 13 in. di. brs. N. 34° E, 81 lks. dist.
" " 24 " " " S. 46 W. 111 " "

44.50 Brook 4 lks wide course N.W.

79.62 The cor. to sec. 27, 28, 33 and 34

Land: Surface broken; soil
3rd rate Mostly heavy timber
Tamarack, Fir, Spruce & hem-
lock Yew and Alder under
brush, timber much cut
away in places

13 504

Subdivision of Township No. 4 North Range 37 East

Willamette Meridian, Oregon.

West on a random line between sec. 28 & 33

ba. 21° East

40.00 Set post for temporary 1/4 sec. cor

81.60 Intersected N. & S. line 390 lbs

North of cor to sec. 28-29, 32 &

33 from which cor I run

N. 87° 13' East on a true line

between Sec. 28 and 33

ba. 20° 00' East

31.50 Spring branch Co. N. W.

41.60 Set Tamarack post on S. W.

face of hill for 1/4 sec cor

A Tamarack 10 in. di. brs. N. 34 W. 34 lbs

" " " " " " S 50 E 12 " "

55.00 Wagon Road to Weston N. W. & S. E.

81.60 The cor. to sec. 27, 28, 33 & 34

Land: Surface rolling; soil

3rd & 2nd rate; heavy timber

but much of it cut away Tam-

arack. Fir, Spruce & Hemlock

Yew and Alder underbrush

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

North between Sec. 27 and 28

ba. 21° East -

25.25 Brook. & lks wide co A. N. - 250

40.00 Set Bas Stone 16 x 10 x 4 in +150

Mound of stone in small
open glade on south slope
for 1/4 sec. cor.

Pine 20 in. di. brs. N. 26° E. 107 lks. dis.

Fir 8 " " " N. 74° W. 70 " "

8000 Set Fir post on west descent -

for cor to Sec 21, 22, 27 & 28

A Fir 8 in. di. brs. N. 34° E. 28 lks. dist.

" Tamarack, 22 " " " S. 14° E. 63 " "

" Fir 6 " " " S. 30° W. 36 " "

" 15 " " " N. 28° W. 22 " "

Land: surface broken; soil

3rd rate; heavy timber, Fir

Tamarack and spruce;

Yew and Alder underbrush,

Much timber cut

15 506

Subdivisions of Township No. 4 North Range 37 East

Willamette Meridian, Oregon.

East on a random line between Sec. 22 & 27
Va. $19^{\circ}15'$ East

40.00 Set post for temporary $\frac{1}{4}$ sec. cor.

80.20 Intersected N. & S line 38 lks South
of cor to Sec. 22, 23, 26 and 27
from which cor. \mathcal{P} run
S. $89^{\circ}44'$ West on a true line
between sections 22 & 27

Va. $19^{\circ}30'$ East

33.00 Cabin about 350 lks north
of line, Spring 200 lks North

40.10 Set Fir post on N. W. slope
for $\frac{1}{4}$ sec. cor.

A Fir 10 in. di. brs N. 50° E. 45 lk. dist.

" " 6 " " S. 28° N. 35 " "

80.20 The cor. to Sec. 21, 22, 27 and 28⁻²⁰

Land: surface, rolling;

Soil 2nd rate; Timber good

once but nearly all cut

away; Fir, Tamarack &

Pine. Some farming land

Aug 20th

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

North between sections 21 & 22

Co. 19° 15' East

13.00 Spring branch co west - 150

18.00 Open scattering Pine timber

40.00 Set Tamarack post on south
slope for $\frac{1}{4}$ sec. cor.

A Tamarack 6 in. di. brs. N. 16° E. 30 lks. dist.

" Fir 17 " " " S. 40° W. 90 " "

63.00 Wagon Road to Walle Walle N. W. & S. E.

66.00 begin steep descent thick timber.

80.00 Set Basalt Stone 14 x 12 x 8 on

steep N. W. hillside for cor.

to sec. 15, 16, 21 and 22

A Fir 8 in. di. brs. N. 76° E. 67 lks. dist.

" " 12 " " " S. 46° E. 55 " "

" " 8 " " " S. 32° W. 55 " "

" " 26 " " " N. 75° W. 58 " "

Land: surface broken; soil

3rd & 2nd rate; timber heavy in

places and some scattering

Pine Tamarack & Fir; a few open
glades

17508

Subdivisions of Township No. 4 North Range 37 East

Willamette Meridian, Oregon.

East on a random line between Sec. 15 & 22

Pa. ~~20~~° 00' East.

40.00 set post for temporary 1/4 sec. cor

80.12 Intersected N. & S line 32 lks South of cor. to Sec. 14. 15. 22 and 23

from which cor. I run S. 89° 46' West on a true line between sections 15 & 22

Pa. 19° 15' East

6.50 on spur. cor North +100

22.00 in gulch opens North -200

33.00 on spur. cor. North +200

40.06 Set Basalt stone 24x10x6 on west side of spur for 1/4 sec. cor.

A Pine 24 in. di. brs. N. 48° W. 165 lks dis.

" Fir 16 " " S 14° W. 111 " "

49.00 Gulch opens North -200

72.00 on spur. extends North +400

80.12 The cor to Sec. 15. 16. 21 & 22 -100

Land: Surface very broken soil 3rd

rate: some heavy timber, mostly scattering Fir Tamarack & Pine

50918

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

North between sections 15 and 16
wa. 20° East

4.50 Spring branch to N.E

Along east side of spur

40.00 Set Basalt Stone $20 \times 10 \times 10$ on

Spur extending north for $\frac{1}{4}$ sec cor

A Pine 30 in. di. brs. N. 63° E 156 lks. dist.

" " 5 " " N. 54° W. 13 " "

Acrop spurs and ravines

80.00 Set Basalt Stone $17 \times 12 \times 8$ on - 500

west side of spur for corner.

to sections 9, 10, 15 and 16

A Fir 12 in. di. brs. N. 30° E. 112 lks dist

" " 9 " " " S. 74° W. 120 " "

no other trees

Land: surface very broken and

mountainous; soil 3rd rate

some timber in places but

mostly open. Fir, Tamarack

and Pine good grass on

open ground

19 510

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

North between sections 9 and 10

va. 22° 45' East

- 11.00 Spring branch co. N.E.
28.00 On spur and begin steep descent
40.00 Set basalt stone 13x10x6 on
steep N.E. face of spur for 1/4
Sec. cor.

A Fir 12 in. di. brs. S 72° E 128 lks. dis.
" " 6 " " S 54° W. 86 " "

40.50 Steep precipice impossible to
climb I set flag and cross
the Walla Walla River to line
I measure a base south of 50 lks
giving an angle of 7° whence
sine / Co. sine / lks / lks
.1219 : .9945 :: 50 : 408 making

44.08 thence back to river 100 lks to - 100.

North bank 75 lks wide cut N.W.

51.00 Thomas Chandelers house
bears N. 42° W.

59.00 Same house bears S. 58° W.

64.00 Ravine opens S. W.

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

8000 Set Basalt Stone 18x2x6 on
steep west Mountain side
for cor. to Sections 3, 4, 9 & 10.

Land surface very broken
and precipitous Soil 3rd rate
Large part worthless. Small
part 1st rate on river bottom
Some timber on the hillsides
Pine Tamarack and Fir
Some grass. Small part on
river adapted to farming

August 21st 1879

East on a random line along the
South boundaries of sections 3, 2 and 1
and at 3 miles 1 chain and 80 lbs
intersected East Boundary 186 lbs
South of cor to Sec 10 & 12 Making
my correction 62 lbs to the mile
Also divide the excess equal
among the three miles making
each 1 mile & 60 lbs. I run

21 512

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

S 89° 33' West on a true line between
Sections 1 and 12

Bear 22° 15' East

7.00 deep gulch - 100

40.30 Set Basalt Stone 16 x 4 x 4 on + 800

South brow of bluff for
1/4 Sec. cor.

A Pine 15 in di. brs. N. 42° W. 201 lbs. dia.

No tree on South side

52.00 Enter timber N. E & S. W

80.60 Set Fir post on S. W. Slope of bluff for
cor. to Sec. 1, 2, 11 & 12

A Pine 28 in. di. brs. N. 45° E 69 lbs. dist.

" " 14 " " " S. 43° E. 144 " "

" " 16 " " " S. 22° W. 135 " "

" " 10 " " " N. 67° W. 290 " "

Land: Surface Mountainous; Soil 3rd 2nd

rate and part worthless; good timber
on west 28 chs, some grass.

Section 1 is nearly all well
timbered Tamarack Fir & Pine
Yew & Alder underbrush

Subdivisions of Township No. 4 North Range 37 East -
Willamette Meridian, Oregon.

S 89° 33' West on a true line between
Sections 2 and 11

Prod 20° 00' East

3.00 Leave timber N.W. & S.E.

8.50 Gulch opens south -120

40.30 Set Basalt Stone 16 x 12 x 5 on +50

steep south Mountain side

for 1/4 Sec. cor.

80.60 Set Pine post 4 in square. 4 ft long - 500
in Mound of Stone on steep south
Mountain side for corner to Sections

2, 3, 10 and 11.

Land along line: Steep Mountain side

Soil 3rd rate & worthless. Some

grass. Some value for grass but
principally for timber

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

S 89° 33' West on a true line
between Sections 3 and 10
Pa. 19° 00' East

22.00 Crop to N. W. Side of Spur

40.30 Set Basalt Stone 18 x 12 x 4 on
steep N. W. Side of Spur
for 1/4 sec. cor.

51.00 a gulch opens S. W. - 500

71.00 on Spur extending S. W. + 200

80.60 The cor. to Sec. 3, 4, 9 and 10 - 150

Land: Surface broken and
mountainous; soil 3rd rate.
Some good grass, has some
value for grazing
Aug 22

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

North between Sec. 1 and 2

Pa. $20^{\circ} 00'$ East

4000 set Pine post on level for

$\frac{1}{4}$ Sec. cor.

A Fir 10 in. di. brs, East 31 lbs. dist.

" " 10 " " " West 33 " "

76.30 Intersected 1st Standard Parallel

North 15.50 chs west of cor to

Sec. 35 and 36 on standard line

set fir post at intersection for

cor. to Sec. 1 & 2

A. Fir, 12 in. di. brs, S. $48^{\circ} 0'$ 22 lbs. dist,

" " 14 " " " S $64^{\circ} 14'$ 45 " "

Land: Surface rolling Mountain

plateau; soil 3rd rate, heavy

good timber Tamarack, Fir

Spruce & Pine, yew, Alder &

Willow under brush

Corner tree and witness tree

Here all standing as described

in field notes furnished by

the office

25 516

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

North between Sections 2 and 3

Pa. $19^{\circ} 00'$ East

8.50 on spur. cor. S.W. +100

21.50 in gulch cor. S.W. -250

39.00 on Spur Extending west +300

40.00 Set Basalt Stone on north

side of ridge for $1/4$ sec. cor.

46.00 in gulch opens west -150

66.50 Fence & field course N.W. & S.E.

76.40 Intersected $1\frac{1}{2}$ Standard Parallel +500

North 1460 chs west of stand

and cor. to sec. 34 & 35

Set Fir post at point of
intersection, on south slope,

in mound of stone in field

for cor. to sec. 2 & 3.

Land: Surface. Mountainous; soil

3^{rd} & 2^{nd} rate good grass. some

good farming land; about $2/3$

of sec. 2 is well timbered

At this Standard corner the post was gone and

but one witness tree left. The others were cut down

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

North between sections 3 and 4

No. 22° 00' East

Acrop small spurs and ravines

40.00 Set Basalt Stone 16 x 12 x 4 on
steep South face of ridge
for 1/4 sec. cor.

71.00 on ridge extending E & W. + 800

77.46 Set Basalt Stone 14 x 10 x 5 on steep
north side of ridge at intersection
of 1st Standard Parallel North for
cor. to Sec. 3 & 4. 1432 chs west
of Standard corner to Sec. 33 & 34
Also set post in Mound of Stone.

See note below.

Land: Surface Mountainous,
soil 3' rate. good grass valu-
able only for grazing

August 23rd 1879

Note - After long and diligent search I could
find no trace of Monument for Standard
cor. to Sec. 33 & 34 which I therefore proceed
to reestablish - See page (45)

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518

Subdivisions of Township No. 4 North Range 37 East

Willamette Meridian, Oregon.

West on a random line between Sec. 21 & 28

Co. $19^{\circ}15'$ East

4000 Set post for temporary $\frac{1}{4}$ sec. cor
8000 I could find no trace of any
corner after long and diligent
search. I therefore return
to the cor of Sec 28. 29. 32.
and 33. and I run

North between Sections 28. & 29

Co. $21^{\circ}00'$ East

4000 Old $\frac{1}{4}$ sec. cor

8000 Set Tamarack post on East face
of bluff for cor to Sec. 20. 21. 28 & 29

A Tamarack 4 in. di. brs. $S. 57^{\circ} E. 67$ lks. dist.

" Fir 20 " " " $S 58^{\circ} E. 74$ " "

" " 4 " " " $S 70^{\circ} W. 28$ " "

" " 14 " " " $N. 44^{\circ} W. 62$

Land: Surface rolling; Soil 3rd &
2nd rate; Mostly good timber; scat-
tering in places and much of it cut
Fir. Tamarack & Spruce
Yew. & Alder underbrush

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

East on a random line between Sec. 21 and 28

Pa. $20^{\circ} 00'$ East

4000 Set post for temporary $\frac{1}{4}$ sec. cor.

82.10 Intersected N. & S line 352 lbs South
of cor. to Sec 21. 22. 27 and 28 from
which corner I run

S $87^{\circ} 29'$ West on a true line between
sections 21 & 28

Pa $19^{\circ} 15'$ East

4000 Set Basalt Stone $14 \times 12 \times 4$ on

west point of spur for $\frac{1}{4}$ sec. cor

A Fir 10 in. di. brs. N. $53^{\circ} W$. 82 lbs, dist.

" " 20 " " " S. $36^{\circ} W$. 108 " "

51.00 Chouse Creek 12 lbs wide course N. W. ⁻⁵⁰⁰

82.10 The cor to Sec. 20. 21. 28 & 29 + 500

Land; Surface Mountainous; soil

3 or 4000 heavy timber with a few
small open glades. Fir Lamarock
Spruce and Black Pine

29 500

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

North between Sec. 20 & 21
Ra 20° 00' East

40.00 Along down N.E. face of bluff - 500
On bed of creek I offset North
50 lks and set Basalt Stone
20x10x5 in creek bottom

for 1/4 sec. cor

A Fir 10 in. dia. brs. N. 20° E. 10 lks dis.

Maple 4 " " " N. 85° W. 25 " "

43.00 Steep open hillside

65.00 Enter timber Co N.W. & S.E. + 500

80.00 Set Tamarack on North Slope - 100

for cor to sec. 16. 17. 20 & 21

Fir 8 in. dia. brs. N. 38° E 35 lks. dis.

" 10 " " " S 56° E 20 " "

" 18 " " " S 42° W. 13 " "

" 10 " " " N 68° W 20 " "

Land: Surface Mountainous; soil
3rd rate: Timber most by scattering
some heavy timber on creek, Fir
Tamarack & Pine. good grass
on open ground Aug 2:6

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

East on a random line between sec. 16 & 21

Pa. Pa $20^{\circ} 00'$ East

40.00 Set post for temporary $\frac{1}{4}$ sec. cor.

82.30 Intersected N. & S. line 328 lks

South of cor. to sec. 15, 16, 21 & 22

from which corner I run

S. $87^{\circ} 40'$ West on a true line

between sections 16 & 21

Pa. $20^{\circ} 00'$ East

2.50 Spring branch co. N. E - 20

17.00 on bluff co N. W. & S. E + 300

' Also Wagon Road to Walla Walla N. W.

35.00 Cabin & Spring about 4 chs north

40.00 Set Tamarack post on N. Slope

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

A Tamarack 6 in di brs. N. 50° W. 29 lks. dist.

82.30 The cor. to sec. 15, 16, 21 & 22

Land: Surface. West 65 chs undula-

ting. East 17 broken; Soil 2nd & 3rd rate;

timber was heavy once but is nearly all

cut; Fir, Pine & Tamarack, dense

undergrowth in places

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

West on a random line between sec. 17 and 20

Pa. $23^{\circ} 00'$ East

40.00 Set post for Temporary $\frac{1}{4}$ sec. cor

80.60 Intersected N. & S. line 420 lks

North of cor to sec. 17, 18, 19 & 20

x from which cor. I run

N. 87° East on a true line

between sec. 17 and 20

va. $20^{\circ} 00'$ East-

21.00 Chouse Creek 16 lks wide co. N. - 500

40.30 Set Basalt stone $14 \times 9 \times 5$ on

steep south hillside for $\frac{1}{4}$ sec cor. + 300

74.00 crop gulch co S. 70° W.

80.60 The cor to sections 16, 17, 20 & 21 + 200

Land: Surface very broken &

mountainous; soil 3rd rate; some

timber along creek and in

gulch Fir, Tamarack, Pine &

Balm good grass on

open hillside.

x The post and three of the witness trees are still standing as described

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

North between Sec. 16 & 17

Pa. $23^{\circ} 00'$ East

1.50 Spring Branch co S. $70^{\circ} W.$ - 30
34.00 Fence & Field co E & W.
40.00 Set Basalt Stone $15 \times 10 \times 6$ in field
for $\frac{1}{4}$ sec. cor.

A. Pine 40 in. d. brs. East 262 lbs. dist.

Wm Petrie's House brs. S. $50^{\circ} W$ about 2 cho

Sylvester Glaspey " " S. $70^{\circ} W.$ " 10 "

56.50 Fence & leave field co. E & W.

67.00 Leave timber course E & W.

78.50 Road to Walla Walla co E & W.

80.00 Set Tamarack post in mound
of stone on nearly level surface
for cor to sec. 8, 9, 16 & 17 + 300

Land: Surface rolling: Soil
 2^{nd} & 3^{rd} rate. Most of it good
for farming; some good
timber but mostly scattering
Pine: Fir and Tamarack
good grass on open land

Aug 27 1879

33 524

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

East on a random line between sec. 9 & 16

Pa. $21^{\circ} 45'$ East -

40.00 Set post for temporary $\frac{1}{4}$ sec. cor.

82.10 Intersected N. & S. line 356 lks
south of cor to sec. 9, 10, 15, and 16
from which cor. I run

S. $87^{\circ} 27'$ West on a true line
between sections 9 and 16

Pa. $22^{\circ} 45'$ East -

13.00 gulch co N. & E -150

40.00 Set Tamarack post on N. W. face
of spur for $\frac{1}{4}$ sec. cor.

A Tamarack 5 in. di. brs. N. 85° W. 58 lks dist.

" " 14 " " " S. 72° W. 92 " "

62.00 On table land co. N. W. & S. E + 800

82.10 The cor to sec. 8, 9, 16 & 17

Land: Surface Mountainous;

Soil 3rd rate; some timber but

mostly open land; Pine Fir &

Tamarack good grafs

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

North between Sec. 8 and 9
to $21^{\circ} 45'$ East

9.00 begin descent

40.00 Set Basalt Stone $18 \times 14 \times 4$ on north
descent of Spur for $1/4$ Sec. cor.

A Pine 12 in. di. brs. N. 48° E 19 lks. dist.

" Tamarack 10 " " S. 52° W. 109 " "

58.50 Gulch opens N.W.

80.00 Set Fir post in mound of stone - 900
on steep west hillside for cor to
Sec. 4, 5, 8 and 9

Land: Surface Steep Mountain
side; Soil 3rd rate; Some
good timber in gulches
Fir, Tamarack & Pine but
much of it already cut out
good grass on open hillsides

Subdivisions of Township No. 4 North Range 37 East

Willamette Meridian, Oregon.

East on a random line between sec. 4 & 9

Bearing $14^{\circ} 00'$ East -40.00 Set post for temporary $\frac{1}{4}$ sec. cor

81.92 Intersected N. & S. line 324 lks

South of cor. to sec. 3, 4, 9 & 10

from which cor. I run

S. $87^{\circ} 42'$ West on a true line
between sec. 4 & 9Bearing $22^{\circ} 00'$ East -

3.50 gulch co south -100

9.00 on spur +120

30.50 river bottom co. N. W. & S. E - 600

35.00 Road up & down river ""

39.50 Walla Walla River 100 lks wide

course from S. E. & runs

due west from this point

for about 5.00 chs. I therefore

offset East 25 lks and at

39.25 Set Basalt stone $18 \times 10 \times 5$ in

mound of stone on right-

bank of river for $\frac{1}{4}$ sec. cor

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

- A Cotton-wood 15 in. di. brs. S. 62° E 147 lbs. dis.
 46.50 Steep rocky bluff
 71.00 On spur. Extends North + 600
 81.92 The cor to sec. 4. 5. 8 and 9 - 200

Land: Surface very broken &
 Mountainous. Soil 3rd rate
 Some 1st rate soil in river bottom
 a few scattering trees along the
 line. Pine Fir & Balm

There is a farm and house on sec 4

Aug. 28

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

North between Sec 4 & 5

Dec. $14^{\circ} 00'$ East

21.50 Gulch opens N.E

30.50 Walla Walla River 75 ft wide

cross. N.W. & Road

-500

40.00 Set Basalt Stone $28 \times 12 \times 10$ +100

on steep rocky point for
 $\frac{1}{4}$ Sec. cor.

80.62 Set post in mound of stone

on S.E. face of bluff at
intersection of 1st Standard
Parallel North 16.22 chs

west of standard cor to

Sec. 32 & 33. for cor to

Sec. 4 & 5

Land: Surface Mountain-
ous. Soil 3rd rate & worthless

Small part on river 1st rate

Some scattering timber

Pine Fir & Tamarack

Some grass

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

North between Sec. 17 & 18

Or. 20° East

Down along N.E. face of bluff

4000 Set Basalt stone 14x12x4 on N.E.

face of bluff for 1/4 sec. cor

A Fir 22 in. di. br. S. 85° E 70 lks dist

" " 6 " " " N. 74° W 129 " "

6100 Chouse Creek 16 lks wide w. N. - 900

8000 Set Tamarack post in mound

of stone on steep S.W. face of

bluff for cor. to sec. 7.8.17 & 18 + 250

Land: Surface steep hillside; soil

3rd rate & worthless; some

excellent timber in creek

bottom and along S.W. bluff

Fir. Tamarack Pine & Balsam

good grass on open land

Note. I could find no trace of line to this

mile N or cor to sec. 7.8.17 & 18 I there^{fore} reset

the cor. to sec. 7.8.17 & 18

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

East on a random line between Sec. 8 & 17

Pa. $27^{\circ} 00'$ East

40.00 Set post for temporary $\frac{1}{4}$ sec. cor.

80.88 Intersected N. & S. line 368 lks
south of cor. to Sec 8, 9, 16 & 17 from
which cor I run

S. $87^{\circ} 22'$ West on a true line

between Sec. 8 & 17 } Va. $21^{\circ} 45'$ East

2.50 Road to Walla Walla co N. N. & S. E.

32.00 gulch open N. W.

40.44 Set Basalt Stone $20 \times 14 \times 5$ on

North slope for $\frac{1}{4}$ sec. cor.

A Pine 10 in. di. brs. N. $76^{\circ} E$. 73 lks. dist.

" " 20 " " " S. $36^{\circ} E$. 143 " "

80.88 The cor to Sec. 7, 8, 17 & 18 — 600

Land: Surface. $6\frac{1}{2}$ mile rolling

N. $\frac{1}{2}$ broken; soil 3rd & 2nd rate

A few scattering trees near

$\frac{1}{2}$ mile cor. good grass.

Some good farming land

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

West on a random line between sec. 7 & 18

Pa 27° 00' East.

4000 Set post for temporary $\frac{1}{4}$ sec. cor

83.94 Intersected West Boundary 327 lbs

* North of cor to sec. 7 & 18 from
which cor. I run

N. 87° 40' East on a true line
between sec. 7 and 18

Pa 21° 00' East

James Osley's House brs S 50° E

5.06 " " " " " South

15.06 Leave field cor in N. 88° E

43.94 Set Basalt Stone 18x8x6 on east base of
bluff for $\frac{1}{4}$ sec. cor

45.50 begin steep descent

76.50 to house Creek cor N. W.

-900

83.94 The cor. to sec. 7, 8, 17 & 18

+300

Land: Surface N. $\frac{1}{2}$ mile undulating
O $\frac{1}{2}$ mile steep mountain sides; soil
N. $\frac{1}{2}$ mile excellent - 2nd rate O $\frac{1}{2}$ 3rd rate
Some good timber in creek bottom
Fir, Pine, Tamarack & Balsam

N. $\frac{1}{2}$ mile is good farming land

* One of the witness trees is still standing the other
were cut down

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

North between Sections 7 & 8

va. $27^{\circ} 00'$ East

- 20.00 On Spur. Extending west +300
 30.00 in gulch " " " -300
 40.00 Set Basalt stone $14 \times 10 \times 5$
 on west side of spur for $\frac{1}{4}$ Sec. cor
 68.50 Wagon road to Walla Walla N. W. & S. E
 69.00 fence & field " " "
 74.00 Leave " N. E. & S. W.
 80.00 Set Pine post in mound of
 stone on plateau for cor.
 to Sec. 5, 6, 7, & 8

Land: surface N. 20 chs nearly level
 S. 60 chs Mountainous; soil N. 20 chs
 good 2nd rate S. 60 chs 3rd rate & stony
 good lunch gras. N. 20 chs
 good for farming

Aug 29'

Subdivisions of Township No. 4 North Range 37 East.
Willamette Meridian, Oregon.

East on a random line between sec. 5 & 8
Mag. 22° 00' East-

40.00 Set post for temporary 1/4 sec. cor.

80.78 Intersected N. & S. line 324 lks
South of cor. to sec. 4, 5, 8 & 9 from
which cor. I run

S. 87° 40' West on a true line
between sec. 5 & 8

Mag. 14° 00' East-

450 gulch course N. W. -100

18.00 On spur. extends North +400

27.00 gulch " " -200

4039 Set Basalt stone 18x12x3 on
North side of spur for 1/4 sec. cor. +300

A Pine 5 in di. bis. S 12° N. 76 lks dist
w/ other trees

65.00 on table land fence & field co. N. W. S. E. +500

80.78 The cor to sec. 5, 6, 7 and 8

Land: surface, N. 16 chs nearly level

East 65 chs Mountainous: Soil

3rd & 2nd rate: some scattering

Pine Fir & Tamarack timber on

this line. Fountain Blacks house

and farm are on N. W. 1/4 of sec. 8

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

West on a random line between sec. 6 & 7

ba. $22^{\circ} 00'$ East

40.00 Set post for temporary $\frac{1}{4}$ sec. cor.

* 82.76 Intersected West Boundary 285 lks
North of cor. to sec. 6 & 7 from
which cor. I run

N. $88^{\circ} 42'$ East on a true line
between sec. 6 & 7

ba. 21° East

42.76. Set Basalt Stone $16 \times 12 \times 8$ on

S. W. face of bluff for $\frac{1}{4}$ sec. cor

62.00 Road to Walla Walla. N. W. & S. E

82.76 The cor. to sec. 5.6.7 and 8

Land: Surface Mountainous
Soil 3rd & 2nd rate. good
grap. Small part good
for farming

* Note - I cannot find any trace of corner
to sec. 6 & 7. I therefore reestablish
cor. as found on page 49

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

North between sections 5 & 6

Pa. $22^{\circ} 00'$ East

20.00 begin to descend

40.00 set Basalt stone $18 \times 14 \times 5$ on
steep N.W. hillside for $\frac{1}{4}$ sec. cor.
down steep irregular descent

84.60 set Basalt stone $16 \times 12 \times 3$ and ⁻¹²⁰⁰
stake in mounds of stone on
steep north point of spur, at
point of intersection with 1st
Standard parallel north 16.10 chs
west from the standard cor to sec
31 and 32

Land: surface Mountainous
Soil 3rd & 2nd rate good
grass good grazing land

There is a saw mill on
N.E. $\frac{1}{4}$ of sec. 5 and some improve-
ments on N.W. $\frac{1}{4}$. there is some
1st rate land in river bottom

Aug 30 1879

Subdivision of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

* From cor. to sec. 34 & 35 on ^{1st} Standard
Parallel North I run

West on a true line set on the
South Boundary of Sec. 34

2 Pa. 2000 East -

6.50 Fence & Field co N.W. & S.E.

22.50 " " Leave field " " " "

40.00 Set Basalt Stone 16x12x8 on south

side of spur for $\frac{1}{4}$ Sec. cor.

69.00 Gulch cor. N.W. - 900

80.00 Set Pine Post in mound
of stone on steep N.E. + 300

Hillside for cor. to Sec

33 & 34

* One witness tree to cor. to sec. 34 & 35 is still standing there
Fir. 24 in di. br. S. 44° E 30 lbs dist

Surface on this mile is
Mountainous

Note - The part of this Township which I
have omitted to survey is, in my
judgment, not surveyable under
present laws. not being agricultural
nor timber lands of commercial value

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

West on a true line on south
Boundary of Sec 33
of $\text{Bearing } 20^{\circ} 30' \text{ East}$

4000 Set Basalt Stone $16 \times 12 \times 4$ on
S. hillside for $\frac{1}{4}$ Sec. cor.

8000 Set Basalt Stone $17 \times 12 \times 6 - 250$
and marked stake in

Mound of stone on steep
south hillside for corner
to Sec. 32 & 33 on standard
Parallel

Surface on this mile is
very broken & Mountainous

Note - Although the closings on the old work on
the west side of the Township show some
very material errors somewhere. I
am confident that my work is
approximately correct as I have
taken extra pains & care

Subdivisions of Township No. 4 North Range 37. East
Willamette Meridian, Oregon.

West on a true line on the South
Boundary of Sec. 32.

Ma 17° East

40.00 Set Basalt Stone $15 \times 12 \times 5$ on
steep west face of spur for
 $\frac{1}{4}$ Sec. cen.

66.00 Foot of bluff on Walla Walla
river bottom cor. N. W. & S. E

71.00 Finding a suitable place
here for a base. I send
flagman to the nearest
point west of river from
which I can chain west-
ward. Measure base north
400 lks. Making an angle
of $16^{\circ} 30'$ which by Nat. Sin & Co. Sin.
Sin. $16\frac{1}{2}$; Co. S. $16\frac{1}{2}$ lks. Chs
 28.40 ; 95.88 ; 400 ; 13.48 which
added to 71.00 gives 84.48

73.00 Walla Walla river 70 lks. wide
cor. from S. E. to West for about
7 chs. and beyond a steep rocky
precipice where it is

Subdivision of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

impossible to chain or set a corner. I therefore place Temporary Monument at flag for reference to set closing cor to Sec. 5 & 6, at 84,48 being 4.48^{chs} west of true cor. to Sec. 31 & 32 on 1st Standard parallel North

I found no trace of any, either half mile or mile, corners on this line west of cor to Sec, 34 & 35. and I have good reason to believe that they were intentionally removed.
August 24th 1879

Note - All the corners, except those mentioned, are still marked as describe in the field notes furnished by the office

49

540

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

North on the west Boundary of Sec. 7
T. 4 N. R. 37 E.

72.00 Chouse Crak. 12 lbs wide - 1000
Co. A. W.

80.00 Set Basalt Stone 16 x 10 x 5 and
Marked post in mound - 200
of stone on steep South
West hillside for cor.
to Sec. 1. 12. 6 & 7

Aug 30 1879

Note - I built Mounds of stone at
corners instead of digging
pits and making Mounds of
earth. because they are more
easily found and remain
more permanent than those
made of earth.

I have indicated as near as possible the
lines of timber & prairie. it is difficult
to do this as the timber is principally
in gulches. where the surface is very broken

Subdivisions of Township No. 4 North Range 37 East
Willamette Meridian, Oregon.

General description

The surface of this township is all mountainous except a small part along the Walla Walla River. The southern part a rolling Plateau the Northern & N. Eastern the high and irregular bluffs of the river. The southern part is well timbered & Sec. 1 & 2 in the Northern part. In the Broken part the timber is in the gulches opening to the north: There is some good agricultural land on the plateaus and in river bottom; The Walla Walla river affords excellent water power there is one saw mill on Sec. 5. There are about 20 settlers in the township. It is valuable principally for timber

FINAL AFFIDAVIT OF ASSISTANTS.

We hereby certify that we assisted George S. Persh
Persh U.S. Deputy Surveyor, in surveying
the Subdivision Lines of Township
4 North Range 37 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.

Homer W. Persh Chainman.

Charles W. Gaseur Chainman.

----- Chainman.

Mountain Block Axeman.

----- Axeman.

STATE OF OREGON, }
County of Umatilla }

Subscribed and sworn to before me, this 1st-----

day of September 1879

J. J. Linnell

Provee of the Place

George S. Pershin

Deputy Surveyor, do solemnly swear that in pursuance of a contract with *James C. Tolman* U. S. Surveyor General of the State of Oregon, bearing date the *29th* day of *July* 1879, and in strict conformity with the Printed Manual of Instructions, and the instructions given me by the Surveyor General, I have faithfully surveyed the

Subdivision lines of Township *No 4 North Range 37 East* aforesaid, and do further solemnly swear that the foregoing are the true and original field notes of such survey.

George S. Pershin

Deputy Surveyor.

STATE OF OREGON,
County of *Multnomah*

Subscribed and sworn to before me, a *Justice* of the peace in and for the said County and State, this *24* day of *September* 1879

A. W. Davis

Justice of the Peace

Office U. S. Surveyor General,

Portland, Oregon, Oct. 2 1879.

The foregoing Field Notes of the survey of *The*
Sub. of ^{*Forest*} *T 41R 37 E Mill Mer*
Orego.

executed by *Geo. S. Peshin.*

under his contract No. *332*

dated *July 29* 18*79*, 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.