

Transcript of the Field Notes
of the survey of the
East Boundary and Subdivisional Lines
of Township 6 North, Range 38 East
of the Willamette Meridian Wash. Terr.
by
Francis T. Lopez,
Deputy Surveyor.

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Township 6 North R. Range 38 East N M

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Township 6 North, Range 38 East, Willamette Meridian

Field Notes of the survey of the East Boundary and Subdivision lines of Township Number 6, North of the line of Range Number 38, East of the Willamette Meridian, in the Territory of Washington, surveyed by Francis A. Loch, Deputy Surveyor, under his contract No. 278, bearing date the 16th day of December 1879.

Survey commenced June 12, 1879.
Completed August 24, 1879.

Chairmen

We John D. Hurley and Charles Thompson, 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.

Witness my hand and seal this 9th day of June 1879.
John D. Hurley, Chairman
Charles Thompson, Chairman

Subscribed and sworn to by the above named persons, before me, a Notary Public, for and in the Territory of Washington, this 9th day of June 1879.
W. H. Reed
Notary Public, W.T.

Are and Mound Men,

I Peter C. Knudsen, do solemnly swear that I will well and truly

Township 6 North, Range 13 East, Willamette Meridian

perform the duties of a seaman and moundman, according to instructions given me, and to the best of our skill and ability,

Peter Knudsen, Ase^{en} Moundman,

Subscribed and sworn to by the above named persons, before me a Notary Public, for and in the Territory of Washington, this 7th day of June 1899.

H. H. Reed
Notary Public, W.T.

Flagman

I do solemnly swear that I will well and truly perform the duties of flagman, according to instructions given me, and to the best of my skill and ability,

H. H. Reed
Flagman

Subscribed and sworn to by the above named person before me a Notary Public, for and in the Territory of Washington, this 7th day of June 1899.

H. H. Reed
Notary Public, W.T.

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Township C North Range 38 East N. W.

Anthonya true line on East Boundary
of sect 3, N 21° E.

Descend through timber & underbrush,
23.00 Bottom S. fork of Mill Creek,
24.50 Mill Creek 25 Chs wide flows rapidly
West.

25.00 Leave bottom & ascend steep mountain
much dead and down timber.

31.25. Intersect the Oregon & Washington Bound-
ary line 31.53. Chs East of post in
mound of stones situated on backbone
of a sharp rocky ridge bearing N.
towards the South fork of Mill
Creek. There is a Red Fir tree S.
of this monument marked O. 20
Chs. distant also a red fir
N 10° E, 56 Chs. distant marked W.
There set a post 4 ft. long & 4 in
square marked on the N. face C. W.
on the E. S 6 N. R. 39 E. S. 18 and
N. S 6 N. R. 38 E. in a mound of
rock & stone for closing cor.
to procl Township C. N. W. Ranges
38 & 39, East of the Willamette Meri-
dian, Wash Berry.

Land mountainous and valuable
only for its timber. Timber Red &
White Fir, Damarack & Pine and also
Red & White Fir dense Maple, Arrow
Cherry, rose and thimbleberry.
Survey commenced June 12th and
Completed June 13th 1879.

General Description

This Township is located in the
Blue Mountains, is unfit for
agricultural purposes, has much
valuable timber that which is of

Township 6 North, R. 38 East, N. 16

South on a tree line between
Decs. 13 & 14
Va 21° E.

Ascending dense timber & underbrush,
10 30 Top of sharp rocky ridge hrs S 80° W.
780 E. descend steep, timber sparse,
15 00 Timber dense.
16 25 Bottom.

18 22 South fork of Mill Creek, 25 Mts. wide
runs rapidly N.

18 47 Ascend steep mountain corrid with
timber of good quality, and fine
sprightly undygh, of Tamarack Fir.

31 10 Intersect the Boundary line 48.87 chs.
West of post, situated on Backbone
of ridge bearing down to Mill Creek
North, a Red Fir 18 in dia, marked "O"
20 Mts. dist, a Red Fir hrs N 10° E.
56 Mts. dist. At this point set a
Red Fir post, 4 ft. long 4 in square
marked on S. face O. on North C.M.
On the E. S 13. & N. S 14 from which hrs.
a Red Fir 15 in dia N 26° E. 50 Mts.

" " 20 " " N 14 1/2° W. 60 "

Land mountainous & much of it
rocky valuable only for its timber
Timber Red & White Fir, Tamarack,
Birch & Alder, some Yew on Creek.
Bottom undygh Cherry, Arrow Ash
Whortleberry, Juniper & Rose,

Tuesday June 17 1879.

South on a tree line between
Decs. 2 & 3,
Va 22° E.

This cor. is evidenced by 3 bearing
trees is in a good state of preservation
and accorded with the field notwithstanding.
Line extends over rolling ridge
bearing E. & W. the timber has been

Township 6 North, Range 38 East, N.M.

Va 19° E, ascend bald spur.
 44.50 Top of spur rock pt. Va 22° E.
 47.50 Perpendicular ledge of rock 20 ft high.
 55.00 Dense underbrush bordering Mill Creek.
 64.00 Cross Spring brook 3/4 mi wide flows S.
 69.50 Mill Creek bottom bro NE & SW, well
 timbered
 75.00 Mill Creek 3/4 mi, ends, rapid current
 flows S 70° W.
 79.95 Intersect section line 95 chs. S of
 the tree blazed & marked for cor.
 to Secs. 11, 12, 13 & 14. I therefore
 run from this cor. on true line
 between Secs 11 & 14.
 S 89° 19' W.

3997 Set a Red Fir post, 4 ft. long 3 in
 dia, marked 14 S. for 1/4 sec. cor.
 from which bro.
 A Red Fir 24 in dia S 6° E, 159 chs.
 A Pine 20 " " N 60 1/2° E, 122 "

7995 The cor. to Secs. 10, 11, 14 & 15.
 Land mountainous & rocky, timber
 Red & White Fir, Pine Spruce
 Birch, Alder & Yew undergrowth
 Arrow, maple, Service, Thimbleberry,
 Birch & Alder. Soil 3rd rate.
 The narrow bottom on Mill Creek
 1st rate.

South on a true line between
 Secs. 14 & 15
 Va 15° E

Ascend through dense timber
 & underbrush, very steep.

5.00 Top of spur ridge bro NW & SE, and
 descend along spur bearing South to
 Mill Creek.

32.50 Intersect Boundary line 50.40 chs East
 of post in mound of rock, situated
 on a prominent ridge bearing

Township 6 North Range 38 East N.W.

South towards Mill Creek. This post is about 10 in square and planted midway of 2 ledges of rock, the mound is built of large rock, is about 6 ft at base & 5 or 6 ft high.

The marking on the post N. face "W" "S" "O" "E" "46 L" "W" "1864"

Set a Pine post 4 ft. long 4 in square, marked on N face C. C. N. E. 14, N. S. 14 depicted a marked stone raised a mound of rock 2 1/2 ft. high, for closing cor. to secs (procl) 14 & 15.

Said mountainous timber Red & White Fir Tamarack & Pine, underbrush arrow cherry thimbleberry maple willow & alder, soil 3rd rate, Friday June 20. 1879

From the cor. to secs. 34, on the North Boundary of the Township, which I find ^{is a} steep ridge in mound

feathered from South on a true line between Secs. 34 & Va 22 1/2 E.

Descend gradually

- 6.50 Dense underbrush,
- 7.00 Prairie runs N. enter timber,
- 14.50 Top of spur NW 1 SE,
- 19.50 Prairie runs SW,
- 29.00 Top of ridge 1000 ft high NW E. & N.
- 32.00 Prairie comes from E. & flows NW, Fir tamarack timber,
- 40.00 Set a red fir post, 4 ft. long 4 in dia marked N. S. for 1/4 sec cor. from which br. a Red Fir 18 in dia N 40 1/2 N. 13 E. N. a Tamarack, 14 " " N 37 1/4 E. 23 "
- 49.00 Clear timber & enter prairie br.

Township 6 North Range 38 East N. M.

- 35.00 Sparse timber
- 40.00 Ravine well timbered crossing M.
- 40.00 Set a post for temporary 1/4 sec. cor.
- 45.00 Top of spur ridge br S. towards Mill Creek.
- 60.00 Timbered ravine flows S.
- 72.00 Spur ridge br S. E. descend through dense timber & underbrush very steep.
- 80.30 Intersect sec. line 30 M. N. of true cor. to sees. 10, 11, 14 & 15. I therefore run from this cor. on a true line between sees. 10 & 15.
N 89° 47' W.
- 40.15 Set a white fir post, 4 ft. long 3 in dia marked 1/4 C. for 1/4 sec. cor. from which br.
A Pine 10 in dia S 45° W. 90 M.
" Pine 2 1/2 ft " S 33° E. 86 "
- 80.30 The cor. to sees. 9, 10, 15 & 16.
Land mountainous 1200 ft. above Mill Creek. Timber Pamarack, Red & White Fir, and Pine. Much of the Pine timber has been cut and sawed into lumber, and yth maple, Alder, Arrow, Cherry, service, Thornleberry, Shibleberry, fern, rose, Sol 2° & 3° etc.
- South on a true line between sees. 15 & 16.
N 21° E.
- Land densely timbered & undulating.
- 5.00 Pine tree 20 in dia, bear timber S & N. descend side of steep mountain facing South.
- 32.20 Intersect Boundary line 29.50 Chs. West of monument located on a prominent ridge midway between 2 ledges of rock post marked N. face "N" S. "O" E 46° W 180 ft.

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Township 6 North, Range 38 East, N. 16

mound built of large rock is 6 ft at base and 5 or 6 ft. high, set a Red Fir post, 4 ft. long 4 in square, marked on the N. face C. W. E. S. 15, N. 16, for closing C. to fractional sec. 15 1/2, deposited a Basalt rock 6 x 4 x 3 in marked X, and raised a mound of rock 2 1/2 ft. high.

Land mountainous, Timber sparse Red & White Fir & Pine, wood growth, Arrow Cherry & rose, soil 3^d rate.

Monday June 23^d 1879.

Note. My closings on the Boundary line not proving satisfactory and the weather becoming cloudy and stormy with rain I concluded to suspend operations in the field in order to procure the field notes of the Boundary survey, through the Township, and also to ask for an extension of time to complete the survey. As the indications of the weather was such, that it would be impossible for me to get the notes to the office by the close of the fiscal year ending June 30. 1879.

I received the notes sometime in July and on the 12th of August 1879, resumed the survey, assisted by W. H. Jobst, & W. H. Cummins, as Chainmen; Ley Locher, axe & moundman and Joe Woodward, Flagman.

Chainmen,

W. H. Jobst, and W. H. Cummins do solemnly swear that we will faithfully execute the duties of Chain Carriers; that we will level

Township 6 North, Range 38 East, N.M.

and yth, service Maple, Alder, Willow,
Ash, Rose, Thimbleberry, Thortleberry
& Arrow, Soil 2^o & 3^o rate,

South on a true line between Secs,
16 & 17,
Ta 21^o E,

Descend,

- 5.00 Small ravine running N.
25.00 Summit Suckton ridge 200 ft. high
and bet E. & N.
32.60 Intersect the Oregon & Washington
Boundary line 19.00 chs East of a
Pine tree 2 ft. in dia marked on
the North side "O" and 74.70 chs East
of a Pine post marked on the North face
"N 462" and on the South "O" 1864,
in a large mound of earth and
stone. This monument is located
on a prominent spur branching
South towards Mill creek, a small
Pine tree bet South from this monu-
ment, probably 12 or 15 chs. distant
Placed a Pine tree 24 in dia marked
on the North face C.N. E. S. 16, N.S. 17,
for closing cor. to post, Secs. 16 & 17,
from which bet.
Pine tree 10 in dia N 44 1/2 E 47 chs. dist.
" " " 18 " " N 20 1/2 N. 33 " "

Land mountains Top of Suckton
ridge Timber Red & White Pine, Juniper,
& Pine, and yth Arrow Cherry, service,
Maple Willow Alder Thimble & Thortle-
berry & Rose, Soil 2^o & 3^o rate.

Wednesday August 20th 1879.

From the cor. to Secs 5, 6, 31 & 32 a
post in mound of stone, I run
South on a true line between Secs,
5 & 6,

Township 6 North, Range 38 East, T. 16

approaching Mill Creek & Mill
Creek bottom $\frac{1}{2}$ rate,

Saturday August 23^d 1879.

South on true line between Secs.
17 & 18,

To $22^{\circ}30' E$,

Descend

3.50 Ravine runs N

9.75 Spur to E. & N.

16.00 Ravine runs N

22.25 Spur ridge to E. & N.

32.20 Intersect Boundary line 5.00 chs.

West of a Pine post 12 in dia
marked on the N. face "N. 46 E" on
the South side "O" 1864" in a large
mound of stone & earth, situated on
a prominent spur ridge bearing
South to Mill Creek. Let a Basalt
rock $14 \times 8 \times 6$ in marked on the
North face C. N. E. S. 17; N. S. 18, in
a mound of rock and stone $2\frac{1}{2}$ ft
high for closing cor. to fact, Secs.
17 & 18.

Land mountainous and rocky,
Timber a few scattering Pines
& Fir, and yth Maple, Barrow,
Cherry, etc, & alder, confined
to the ravines, some bunch grass,

General Description

Mill Creek comes in a southerly
direction and enters the Township
in feet, near the Township cor.,
flows South to its confluence
with the middle fork coming
from the East. Thence flows
diagonally through Section 12,

Township 6 North, Range 38 East, T. 16

approaching Mill Creek & Mill
Creek bottom $\frac{1}{2}$ rate,

Saturday August 23^d 1879.

South on true line between Secs.
17 & 18,

To $22^{\circ}30' E$,

Descend

3.50 Ravine runs N

9.75 Spur to E. & N.

16.00 Ravine runs N

22.25 Spur ridge to E. & N.

32.20 Intersect Boundary line 5.00 chs.

West of a Pine post 12 in dia
marked on the N. face "N. 46 E" on
the South side "O" 1864" in a large
mound of stone & earth, situated on
a prominent spur ridge bearing
South to Mill Creek. Let a Basalt
rock $14 \times 8 \times 6$ in marked on the
North face C. N. E. S. 17; N. S. 18, in
a mound of rock and stone $2\frac{1}{2}$ ft
high for closing cor. to fact. Secs.
17 & 18.

Land mountainous and rocky,
Timber a few scattering Pines
& Fir, and yth Maple, Barrow,
Cherry, etc, & alder, confined
to the ravines, some bunch grass,

General Description

Mill Creek comes in a southerly
direction and enters the Township
in feet, near the Township cor.,
flows South to its confluence
with the middle fork coming
from the East. Thence flows
diagonally through Section 12,

Township 6 North, Range 38 East, T. 11.

through the Southeast corner of section 11, and forms a junction with the South branch, in section 14, leaving the Territory, and entering the State of Oregon, in a South west direction, this stream has a rapid current and, has much valuable timber along its margin, and sides of the mountains.

Blue creek rises in section 2, flows through sections 3, 10 & 9, crosses the section line between 4 & 5, and leaves the township near the West boundary of section 4, and has much fine timber on its banks, and mountain sides.

The Dickinson ridge is the most prominent mountain its summit is found near the corner for sec. 1 & 2, its general trend is South-west till it reaches the Eastern boundary of fractional section 16 thence it runs West, for about a mile and a half, thence abruptly North into section 5, thence gradually declining in a Northwesterly direction, the timber is principally Red & White Fir, Tamarack, Blue creek has some very fine Cottonwood trees, Mill Creek affords Birch, Alder & Yew, many of these trees are large enough for saw logs.

This Township is mountainous in the extreme and is valuable mainly for its very fine timber.

There are no indications of mineral, in the outcroppings, neither coal or lime, the underlying formation being volcanic, giving evidence of extreme heat in ages past.

Survey completed Monday Aug 24, 1879.

Township 6 North, Range 38 East Willamette Meridian

List of Names.

A list of the names of the individuals employed to assist in running, measuring, or marking the lines and corners, described in the foregoing field notes of the survey of Township No. 6, North of the base line of Range No. 38 East of the Willamette Meridian Washington Territory.

John D. Hurley & Charles Thompson, Chairmen
 W. Jobst & W. A. Cummin Chairmen
 James Goodman Axe & Moundman
 Lew Locher, Axe & Moundman
 Joe Woodman & Peter Knudsen Flagman,

Affidavits.

We hereby certify that we have assisted Francis D. Locher, Deputy Surveyor in surveying the East Boundary and subdivisional lines of Fractional 9 Township No. 6, North of the line of Range No. 38 East of the Willamette Meridian, of Washington Territory, and that said Township has 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,

John D. Hurley Chairman
 Charles F. Thompson Chairman
 W. A. Cummin
 Peter Knudsen Axe & Moundman
 W. Jobst. Flagman

Subscribed and sworn to by the above named persons, before me, a Notary Public for and in the Territory of Washington, this

Township 6 North, Range 38 East, Willamette Meridian,

18 day of September 1879,

W. H. Reed

Notary Public, W.T.

Affidants.

We hereby certify that we have assisted Francis P. Lochr, Deputy Surveyor in surveying the East Boundary and sectional lines of Township No. 6 North of the line of Range No. 38 East of the Willamette Meridian, of Washington Territory, and that said Township has 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 of

H. Jobst.

Chairman

W. H. Cummin

Chairman

Law Kocher.

Assessors

Joe Woodward

Flagman

Subscribed and sworn to by the above named persons, before me, a Notary Public, for and in the Territory of Washington, this 6th day of September 1879

W. H. Reed

Notary Public, W.T.

I, Francis P. Lochr, Deputy Surveyor, do solemnly swear, that in pursuance of a contract with W. M. Micken Surveyor of the public lands in the Territory of Washington, bearing date the 16th day of December 1878, and in strict conformity to the laws of the United States and the instructions,

Township 6 North, Range 38 East, Willamette Meridian

furnished by the said Surveyor General, I have faithfully surveyed the East Boundary and subdivisional lines of Fractional Township No. 6 North of the base line of Range No. 38 East, of the Willamette Meridian, Washington Territory; and do further solemnly swear that the foregoing are the true and original filed notes of such survey.

Francis F. Lochr,

Deputy Surveyor,

Subscribed by said Francis F. Lochr, Deputy Surveyor, and sworn to before me, a Notary Public, for and in the Territory of Washington this 27th day of Sept. 1879.

W. H. Reed
Notary Public, W. T.

Surveyor General's Office,
Washington Territory, Olympia, November 17, 1879.
The foregoing filed notes of the survey of the East Boundary & subdivisional lines of Township No. 6 North, Range No. 38 East of the Willamette Meridian Washington Territory, executed by Francis F. Lochr, under his contract of December 16th 1878 having been critically examined the necessary explanations and corrections made the said filed notes and the surveys they describe, are hereby approved.

W. M. McKen

Surveyor General

Township North Range 38 East. Willamette Meridian,

Surveyor General's Office,
 Washington Territory, Olympia November 17, 1879
 Certify that the foregoing transcript
 of the field notes of the Survey of the
 East Boundary & Subdivisional
 lines of Township No. 6, North Range
 No. 38 East, of the Willamette Meridian,
 Washington Territory, has been
 correctly copied from the original
 notes on file in this office.
 W. W. Micken
 Surveyor General