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Book "D"

# FIELD NOTES

OF THE SURVEY OF THE

Subdivisions of fractional Township No. 4 North, Range No. 38 East  
~~Willamette Meridian, Oregon, and the resurvey of a portion of said~~  
~~township.~~

Of the Willamette Meridian,  
State of Oregon.

AS SURVEYED BY

Robert F. Omeg, United States Deputy Surveyor,

Under his Contract No. 761, dated June 16, 1905, 190

Survey commenced July 21, 1905, 190

Survey completed July 28, 1905, 190

6-151

Transcript made  
OCT 18 1905  
Quatin

NAMES AND DUTIES OF ASSISTANTS.

Dale Babcock, Chainman.

George Talbert, do.

Charley L. Weatherly, Axman.

Chester J. Karker, do.

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July 17, 1905: No one authorized to administer oaths being available, without great inconvenience, delay and expense I administer the required preliminary oaths.

*Robert F. O'Neil*

U.S. Deputy Surveyor.

# INDEX DIAGRAM.

Township 4 North, Range 38 East, W. M.

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PRELIMINARY OATHS OF ASSISTANTS.

WE, Dale H. Babcock and George Talbert

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

the subdivisions of fractional T. 4 N., R. 38 E., W. M. and the resurvey of a portion of said township

Dale H. Babcock, Chainman.

George Talbert, Chainman.

Subscribed and sworn to before me this 17th

day of July, 1905



Robert F. Oney

U.S. Deputy Surveyor

WE, \_\_\_\_\_ and \_\_\_\_\_

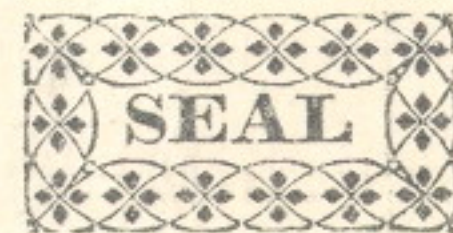
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

\_\_\_\_\_, Moundman.

\_\_\_\_\_, Moundman.

Subscribed and sworn to before me this \_\_\_\_\_

day of \_\_\_\_\_, 190 \_\_\_\_\_



WE, Charley L. Weatherly and Chester J. Karker

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

subdivisions of fractional T. 4 N., R. 38 E., W. M. and the resurvey of a portion of said township.

Charley L. Weatherly, Axman.

Chester J. Karker, Axman.

Subscribed and sworn to before me this 17th

day of July, 1905



Robert F. Oney

U.S. Deputy Surveyor.

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

\_\_\_\_\_, Flagman.

Subscribed and sworn to before me this \_\_\_\_\_

day of \_\_\_\_\_, 190 \_\_\_\_\_



## Subdivisions of T. 4 N., R. 38 E., W.M.

- 23.00 Cross over low spur, thence along the side of N.E. slope.
- 40.00 A tamarack 10 ins. diam. for 1/4 sec. cor. I mark 1/4 S 11 on W. and 12 on E. face; from which,  
 A tamarack 10 ins. diam bears S. 70° E. 24 lks. dist., marked 1/4 S 12 B T.  
 A tamarack 16 ins. diam. bears N. 85° W. 25 lks. dist., marked 1/4 S 11 B T.
- 80.00 Set a basalt stone 12x8x8 ins. 8 ins. in the ground for cor. of secs. 1, 2, 11 and 12, marked with 1 notch on E. and 5 notches on S. edge; from which,  
 A fir 16 ins. diam. bears N. 86° 30' E. 20 lks. dist., marked T 4 N R 38 E S 1 B T.  
 A fir 12 ins. diam. bears S. 34° E. 22 lks. dist., marked T 4 N R 38 E S 12 B T.  
 A fir 16 ins. diam. bears S. 22° W. 22 lks. dist., marked T 4 N R 38 E S 11 B T.  
 A fir 20 ins. diam. bears N. 25° W. 24 lks. dist., marked T 4 N R 38 E S 2 B T.

Land, mountainous.

Soil, 1st and 2nd rates.

Timber, fir, pine, spruce; undergrowth, willow, maple and wild berry.

Mountainous or heavily timbered land or land covered with dense undergrowth and exceptionally difficult to survey. 80.00 chains.

July 21, 1905: At this cor. I set off 20° 31' N. on the decl. arc; and at 12 h. and 6 m. l.m.t. observe the sun on the meridian; the resulting latitude is 45° 51' N.

N. on a sectional guide meridian bet. secs. 1 and 2. Descend through scattering timber and dense

Subdivisions of T. 4 N., R. 38 E., W.M.

- undergrowth.
- 8.50 A creek 5 lks. wide bears N. 10° W.
- 28.40 Foot of descent, 2000 ft. below top of divide.  
Thence over river bottom.
- 33.25 Walla Walla River 50 lks. wide, course S. 40° W.  
Cold, clear water flowing over stony bed.
- 35.00 Leave river bottom, bears E. and W. and begin  
steep ascent.
- 40.00 Set a basalt stone 15x8x5 ins. 10 ins. in the  
ground for 1/4 sec. cor., marked 1/4 on W. face;  
from which,  
A fir 12 ins. diam. bears S. 65° E. 15 lks.  
dist., marked 1/4 S 1 B T.  
A fir 8 ins. diam. bears N. 67° W. 21 lks.  
dist., marked 1/4 S 2 B T.
- 43.50 Summit of spur 75 ft. high bears N. 20° E. and S.  
20° W.
- 80.00 Intersect the first standard parallel N. 14.30 chs.  
N. 89° 28' W. of the standard cor. to secs. 35 and  
36, which is a basalt stone 15x18x12 ins. above  
ground, marked and witnessed as described by the  
surveyor general.

At the point of intersection with the first standard parallel N. 1 set a basalt stone 15x5x5 ins. 10 ins. in the ground for closing cor. to secs. 1 and 2, marked C C on S.; with 1 groove on E. and 5 grooves on W. face; from which,  
A fir 12 ins. in diam. bears S. 57° 30' E. 8 lks. dist. marked T 4 N R 38 E S 1 B T.  
A fir 10 ins. in diam. bears S. 34° 30' W. 20 lks. dist., marked T 4 N R 38 E S 2 B T.

Insertion made by me.

Robert F. Osney  
US Deputy Sur.

with dense undergrowth and exceptionally difficult to survey. 80.00 chains.

July 21, 1905.

July 22, 1905: At 7 h. a.m. l.m.t., I set off 20° 21' N. on the decl. arc; 45° 50' N. on the latitude arc; and determined a meridian with the solar at the cor. of secs. 11, 12, 13 and 14.

## Subdivisions of T. 4 N., R. 38 E., W.M.

- on a true line
- N.  $0^{\circ} 1'$  W. bet. secs. 2 and 3.
- ^
- Ascend steep, precipitous slope through scattering timber and scattering undergrowth.
- 24.00 500 ft. above sec. cor. bearing hill changes to N.E. and S.W.
- 40.00 Set a basalt stone 15x8x8 ins. 10 ins. in the ground for  $1/4$  sec. cor. marked  $1/4$  on W. face; from which,
- A fir 12 ins. diam. bears N.  $63^{\circ}$  E. 76 lks. dist. marked  $1/4$  S 2 B T.
- A fir 12 ins. diam. bears N.  $32^{\circ}$  W. 107 lks. dist. marked  $1/4$  S 3 B T.
- 80.75 Intersect the first standard parallel N. 15.50 chs. N.  $89^{\circ} 57'$  W. of the standard cor. to secs. 34 and 35, which is a basalt stone 15x16x10 ins. above ground, marked and witnessed as described by the surveyor general. At the point of intersection I set up a basalt stone 18x6x6 ins. 12 ins. in the ground for closing cor. for secs. 2 and 3, marked C C on S., with 2 grooves on E. and 4 grooves on W. face; from which,
- A fir 24 ins. in diam. bears S.  $13^{\circ} 30'$  E. 68 lks. dist., marked T 4 N R 38 E S 2 B T.
- A fir 30 ins. in diam. bears S.  $10^{\circ}$  W. 27 lks. dist., marked T 4 N R 38 E S 3 B T.
- Land, mountainous.
- Soil, 1st and 2nd rates.
- Timber, fir, pine, spruce; undergrowth, willow, maple and wild berry.
- Mountainous or heavily timbered land or land covered with dense undergrowth and exceptionally difficult to survey, 80.75 chains.
- I carefully retrace my own work to determine whether or not the error in closure is due to the old survey or to the new. I find my work correct.
- I then retrace the first standard parallel N., forming

Subdivisions of T. 4 N., R. 38 E., W.M.

80.00 Intersect the cor. of secs. 3, 4, 9 and 10.  
 Land, mountainous.  
 Soil, 1st and 2nd rates.  
 Timber, fir, pine, spruce; undergrowth, willow, maple and wild berry.  
 Mountainous or heavily timbered land or land covered with dense undergrowth and exceptionally difficult to survey, 80.00 chains.  
 July 25, 1905.

July 26, 1905: At 7 h. and 6 m. a.m. l.m.t. I set off 45° 51' N. on the latitude arc; and 19° 32.3' N. on the decl. arc; and determine a meridian (with the solar) at the cor. of secs. 3, 4, 9 and 10.

Thence I run  
 N. 0° 2' <sup>on a true line</sup> W. bet. secs. 3 and 4. Ascend steep precipitous slope.

40.00 Set a basalt stone 15x8x8 ins. 10 ins. in the ground for 1/4 sec. cor. marked  $\frac{1}{4}$  on W. face; from which,  
 A pine 24 ins. diam. bears S. 40° E. 48 lks.  
 dist. marked 1/4 S 3 B T.  
 A pine 40 ins. diam. bears N. 16° W. 126 lks;  
 dist. marked 1/4 S 4 B T

80.77 Intersect the first standard parallel N. 16.00 chs. N. 89° 57' W. of the standard cor. of secs. 33 and 34, which is a basalt stone 10x12x8 ins. above ground, marked and witnessed as described by the surveyor general.

At the point of intersection with the first standard parallel N. I set a basalt stone 15x10x8 ins. 10 ins. in the ground for closing cor. for secs. 3 and 4, marked C C on S. with 3 grooves on E. and W. faces; from which,  
 A fir 16 ins. diam. bears S. 16° 30' E. 168 lks.  
 dist., marked T 4 N R 38 E S 3 B T.



Subdivisions of T. 4 N., R. 38 E., W.M.

A pine 24 ins. diam. bears S. 40° W. 190 lks.  
dist., marked T 4 N R 38 E S 4 B T.

Land, mountainous.

Soil, 1st and 2nd rates.

Timber, fir, pine, spruce; undergrowth, willow,  
maple and wild berry.

Mountainous or heavily timbered land or land covered  
with dense undergrowth and exceptionally difficult  
to survey, 80.77 chains.

From the cor. of secs. 8, 9, 16 and 17 on the  
sectional correction line

I run

*on true line*

S. 0° 3' E. bet. secs. 16 and 17. Ascend

along W. side of divide through scattering timber  
and dense undergrowth.

40.00 Set a basalt stone 15x8x5 ins. 10 ins. in the ground  
for 1/4 sec. cor., marked 1/4 on W. face; from which,

A pine 8 ins. diam. bears S. 38° 30' E. 73 lks.  
dist., marked 1/4 S 16 B T.

A pine 18 ins. diam. bears N. 71° W. 157 lks.  
dist., marked 1/4 S 17 B T.

60.00 Thence along W. side of divide over precipitous  
ground.

79.80  
~~80.00~~ Intersect the E. and W. line 190 lks. E. of the cor.  
of secs. 16, 17, 20 and 21.

At the point of intersection I set a basalt  
stone 15x8x8 ins. 10 ins. in the ground for closing  
cor. to secs. 16 and 17, marked C C on N. with 4  
*grooves* notches on E. and 3 *grooves* notches on S. edges.

And raised a mound of stone 2 ft. base and 1 ft.  
and a half high W. of cor.

No bearing trees within limits.

I destroy all marks on the old cor. referring  
to secs. 16 and 17.

*See page 4 of notes hereto attached  
for the lengths of this mile*

*See page 4 of notes hereto attached  
for bearing lines of cor. to Sec 16 & 17*

Subdivisions of T. 4 N., R. 38 E., W.M.

July 27, 1905: At 7 h. and 6 m. a.m. l.m.t. I set off 45° 51' N. on the latitude arc; 19° 19' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 4, 5, 8 and 9.

Thence I run

N. 0° 3' W. bet. secs. 4 and 5 along precipitous W. slope through dense undergrowth.

19.00 A dry run, course W.

Thence ascend along E. slope over precipitous ground through dense undergrowth.

40.00 Set a basalt stone 15x10x5 ins. 10 ins. in the ground for 1/4 sec. cor., marked 1/4 on W. face.

And raised a mound of stone 2 ft. base and 1 ft. and a half high W. of cor.

81.00 Intersect the first standard parallel N. 16.35 chs. N. 89° 57' W. of the standard cor. of secs. 32 and 33, which is a cross on a rock in place 30x30x30 ins. above the ground, marked and witnessed as described by the surveyor general.

At the point of intersection with the first standard parallel N. I set a basalt stone 15x8x8 ins. in a mound of stone on stony ground for closing cor. of secs. 4 and 5, marked C C on S. with 4 grooves on the E. and 2 grooves on W. face; from which,

A pine 36 ins. diam. bears S. 88° W. 102 lks. dist., marked T 4 N R 38 E S 5 B T.

And raised a mound of stone 2 ft. base and 1 ft. and a half high W. of cor.

Land, mountainous.

Soil, 1st and 2nd rates.

Timber, fir, pine, spruce; undergrowth, willow, maple and wild berry.

Mountainous or heavily timbered land or land covered with dense undergrowth and exceptionally difficult to survey, 81.00 chains.

## Subdivisions of T. 4 N. R. 38 E., W.M.

- Thence I run  
N. 89° 54' E. on a true line bet. secs. 6 and 7 along precipitous S. slope through scattering undergrowth.
- 38.00 Set a basalt stone 15x10x6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face; from which,  
A pine 24 ins. diam. bears S. 38° E. 310 lks. dist., marked 1/4 S 7 B T.  
And raised a mound of stone, 2 ft. base 1 1/2 ft. high N. of cor.
- 78.00 The cor. of secs. 5, 6, 7 and 8.  
Land, mountainous.  
Soil, 1st and 2nd rates.  
Timber, fir, pine, spruce; undergrowth, willow, maple and wild berry.  
Mountainous or heavily timbered land or land covered with dense undergrowth and exceptionally difficult to survey, 78.00 chains.
- 
- on a true line  
N. 0° 4' W. bet. secs. 5 and 6. Ascend along E. slope over precipitous ground through scattering undergrowth.
- 25.00 Ascend S. slope.
- 40.00 Set a basalt stone 15x10x5 ins. 10 ins. in the ground for 1/4 sec. cor., marked 1/4 on W. face; from which,  
A pine 18 ins. diam. bears N. 24° 30' E. 187 lks. dist., marked 1/4 S 5 B T.  
And raised a mound of stone, 2 ft. base, 1 1/2 ft. high N. of cor.
- 42.60 Top of divide 200 ft. high bears S.E. and N.W.  
Begin descent.
- 55.00 Enter heavy timber, bears N.E. and S.W.
- 67.00 A dry run bears E. Thence ascend, through scattering timber and dense undergrowth.
- 81.50 Intersect the first standard parallel N. 16.27 chs. N. 89° 57' W. of the standard cor. of secs. 31 and 32, which is an iron stone 6x12x4 ins. above ground,

Subdivisions of T. 4 N., R. 38 E., W.M.

marked and witnessed as described by the surveyor general.

At the point of intersection with the first standard parallel N. I set a basalt stone 15x5x5 ins. 10 ins. in the ground for closing cor. for secs. 5 and 6, marked C C on S. with 5 grooves on the E. and 1 groove on W. face; from which,

A pine 14 ins. in diam. bears S. 85° 30' E.

276 lks. dist. marked T 4 N R 38 E S 5 BT.

And raised a mound of stone 2 ft. base and 1 ft. and a half high W. of cor.

Land, mountainous.

Soil, 1st and 2nd rates.

Timber, fir, pine, spruce; undergrowth, willow, maple and wild berry.

Mountainous or heavily timbered land or land covered with dense undergrowth and exceptionally difficult to survey, 81.50 chains.

July 28, 1905.

GENERAL DESCRIPTION.

This township is very rough in the 3 N. tiers of secs. The Walla Walla River extends from E. to W. across these tiers and runs through a deep canyon, on either side of which steep, precipitous ground rises to a great height. Numerous small streams put into the Walla Walla River from both the N. and the S.

The Tp. is well watered and is covered with excellent grasses for grazing. There is considerable timber in portions of the Tp.

There are 5 settlers in the northern portion of the Tp.

C. G. Rogers has a claim in sec. 8, and has a cabin and considerable land enclosed.

J. N. Reavis has a claim in sec. 19, upon which

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Robert F. Omeg

....., United States Deputy Surveyor, to assist in running, measuring, and

marking the lines and corners described in the foregoing field notes of the survey of the

subdivisions of fractional T. 4 N., R. 38 E., W. M. and the resurvey of a portion of said township.

showing the respective capacities in which they acted:

Dale H. Babcock ..... *Chainman.*

George Talbert ..... *Chainman.*

..... *Moundman.*

..... *Moundman.*

Charley L. Weatherly ..... *Axman.*

Chester J. Karker ..... *Axman.*

..... *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Robert F. Omeg

....., United States Deputy Surveyor, in surveying all

those parts or portions of the subdivisions of fractional T. 4 N., R. 38 E. and

the resurvey of a portion of said township.

..... of the

Willamette meridian, State of Oregon, which are represented

in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor

General for Oregon.

Dale H. Babcock ..... *Chainman.*

George Talbert ..... *Chainman.*

..... *Moundman.*

..... *Moundman.*

Charley L. Weatherly ..... *Axman.*

Chester J. Karker ..... *Axman.*

..... *Flagman.*

Subscribed and sworn to before me this 29th }  
day of July ..... 1905 }



Robert F. Omeg

U.S. Deputy Surveyor

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Robert F. Omeg, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from John D. Daly United States Surveyor General for Oregon, bearing date of the 16th day of June 1905, 1905, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Oregon, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the subdivisions of fraction of township 4 North, Range 38 East, and the resurvey of a portion of said township as set forth in the foregoing field notes,

Willamette of the Willamette meridian, in the State of Oregon of Oregon, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Oregon and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Robert F. Omeg  
United States Deputy Surveyor.

Subscribed by said Robert F. Omeg, and sworn to before me }  
this 1st day of Sept, 1905



A. B. Bellon  
County Clerk for Wasco County, Oregon and  
Ex-officio Clerk of the County Court.  
by F. R. Angle Deputy

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Portland Or Jan 3, 1906

The foregoing field notes of the survey of

Subdivisional Lines of Township 4 North  
Range 38 East Will. Mer Oregon

executed by Robert F. Omeg U.S. Deputy Surveyor  
under his contract No. 761, dated June 16, 1905, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

John D. Daly  
United States Surveyor General.

~~I certify that the foregoing transcript of the field notes of the above-described surveys in T4N R38E Will Mer Or, has been correctly copied from the original notes on file in this office.~~

~~John D. Daly  
United States Surveyor General.~~

TO VS  
edit to

July 29, 1905: No one authorized to administer oaths, other than myself, being available, without great inconvenience delay and expense, I administer the required final oaths.

*Robert F. Oney*

United States Deputy Surveyor .

BY

100