



4-679.

FILED.
SEP 21 1905

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Book "B".

FIELD NOTES

of
~~OF THE SURVEY OF THE AND~~

the resurvey of a portion of the East boundary and a portion of
the West boundary of Township 4 North, Range 38 East

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 19, 1905, 190

Survey completed July 20, 1905, 190

Transcribed
OCT 20 1905
Dustin

NAMES AND DUTIES OF ASSISTANTS.

Dale H. Babcock Chainmen.

George Talbert Chainmen.

Charley L. Weatherly Axman.

Chester J. Karker Axman.

6-151

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. Omer
U. S. Deputy Surveyor.

B. Page 1 Survey Com: July 19 1905
Completed July 20
Page 2 which is a - see
see page 67 par 184 of Manual
24 instead of 20
Page 3
Page 10
Page 11

INDEX DIAGRAM.

Township 4 North , Range 38 East W. M.

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Meanders Page.....

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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 and the resurvey of the portions of the East boundary and the west boundary of T.4 N., R. 38 E., W. M. as set forth in these notes.

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 and the resurvey of the portions of the East boundary and the west boundary of T.4 N., R. 38 E., W. M.

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 _____



Resurvey of portion of the E. bdy. of T. 4 N., R. 38 E.

S. 0° 33' W on a resurvey bet. secs. 13 and 18. Descend through heavy timber and dense undergrowth.

40.56 Intersect the old 1/4 sec. cor. The post described by the surveyor general is decayed and the marks on the bearing trees are overgrown. I re-establish the cor. at the same point as follows:

Set a fir post 3 ft. long 3 ins. sq. 24 ins. in the ground for 1/4 sec. cor. marked 1/4 S 13 on W. and 18 on E. face; from which:

A fir 12 ins. in diam. bears N. 80° E. 30 lks. distant, marked 1/4 S 18 B T

A fir 16 ins. diam. bears N. 70° W. 24 lks. distant, marked 1/4 S 13 B T

Therefore the N. half of this line is 40.56 chs. in length and bears S. 0° 33' W. I continue the resurvey S. 0° 29' W. Gradual descent through heavy timber and dense undergrowth.

81.12 Intersect the cor. for secs. 13, 18, 19 and 24, which I re-established July 18, 1905.

Therefore the S. half of this line is 40.56 chs. in length and bears S. 0° 29' W.

Land mountainous.

Soil first and second 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.

81.12 chains.

July 19, 1905.

Preliminary to beginning the subdivisions of this T. I continue the retrace of a portion of the W. bdy. of the T.

Resurvey of portion of the W. bdy. of T. 4 N., R. 38 E.

X

July 20, 1905: I begin at the cor. of secs. 19, 24, 25 and 30.* At this cor. at 7 h. a.m. l.m.t. I set off $45^{\circ} 48'$ N. on the latitude arc; $20^{\circ} 44'$ N. on the decl. arc; and determine a meridian with the solar.

Thence I retrace N. bet. secs. 19 and 24.

40.10 Fall 54 lks. W. of the old $1/4$ sec. cor.

78.72 Fall 65 lks. W. of the old cor. for secs. 13, 18, 19 and 24.

N. on a retrace bet. secs. 13 and 18.

40.10 Fall 25 lks. W. of the old $1/4$ sec. cor.

80.10 Fall 45 lks. W. of the old cor. for secs. 7, 12, 13 and 18.

N. on a retrace bet. secs. 7 and 12.

44.50 Fall 45 lks. W. of the old $1/4$ sec. cor.

84.84 Fall 55 lks. W. of the old cor for secs. 1, 6, 7 and 12.

N. on a retrace bet. secs. 1 and 6.

42.75 Intersect the old $1/4$ sec. cor.

77.25 Fall 40 lks. W. of the old closing cor. for Ts. 4 N. Rs. 37 and 38 E.

The line on the retrace of the W. bdy. of the T. is almost entirely obliterated and the cors. are almost completely destroyed. Therefore I return on a resurvey of a portion of the W. bdy. of the T.

I begin at the closing cor. for Ts. 4 N. Rs.

37 and 38 E. A willow for the closing cor. described by the surveyor general is dead and the bearing trees described by the surveyor general are dead, but the stumps remain. I re-establish the cor. at the same point as follows.

Set a fir post 3 ft. long 4 ins. sq. 24 ins. in the ground for closing cor. for Ts. 4 N. Rs. 37 and

* For description of cor. Secs 19-24-25-30
see Book of corrected notes page 3
attached to Book "D."

Resurvey of portion of the W. bdy. of T. 4 N., R. 38 E.

and 38 E., marked C C T 4 N on S., R 38 E S 6 on E. and R 37 E S 1 on W. face; with 6 grooves on S.E. and W. faces from which:

A fir 14 ins. in diam. bears S. 67° E. 44 lks. distant, marked T 4 N R 38 E S 6 B T

A fir 14 ins. in diam. bears S. 22° W. 63 lks. distant, marked T 4 N R 37 E S 1 B T

July 20, 1905: At this cor. I set off 20° 42' 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° 52' N. Thence I run S. 0° 39' W. on a resurvey bet. secs. 1 and 6, over rolling ground, through heavy timber and dense undergrowth.

14.75 A spring branch 2 lks. wide, course S.E.

Leave heavy timber and dense undergrowth, bears E. and W. Thence descend precipitous S. slope.

34.50 Intersect the old 1/4 sec. cor., which is a basalt stone 15x14x8 ins. marked as described by the surveyor general. The tree described by the surveyor general as a fir 16 ins. in diam. bearing N. 46° W. 180 lks. distant cannot be found. I re-established the cor. at the same point as follows:

Set a basalt stone 16x14x8 ins. 11 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 a/ft. and a half high W. of cor.

Therefore the N. half of this line is 34.50 chs. in length and bears S. 0° 39' E. I continue the resurvey S.

Descend over precipitous ground.

77.25 Intersect the old cor. for secs. 1, 6, 7 and 12, which is a basalt stone, 20x10x5 ins., marked as described by the surveyor general. No trace remains of the mound of stone described by the surveyor general. I re-establish the cor. at the same

Resurvey of portion of the W. bdy. of T. 4 N., R. 38 E.

point as follows:

Set a basalt stone 20x10x5 ins. in a mound of stone on stony ground for cor. of secs. 1, 6, 7 and 12, marked with 1 notch on the N. and 5 notches on the S. edge; and raised a mound of stone 2 ft. base and $\frac{1}{2}$ ft. and a half high W. of the cor.

Therefore the S. half of this line is 42.75 chs. in length and bears S.

Land mountainous.

Soil first and second 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.

77.25 chains.

S. $0^{\circ} 9' W.$ on a resurvey bet. secs. 7 and 12.

Descend over precipitous ground.

40.34 Intersect the old $\frac{1}{4}$ sec. cor., which is a basalt stone 15x10x5 ins., marked as described by the surveyor general. I re-establish *the* cor. at the same point as follows:

Set a basalt stone 15x10x5 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face, from which:

A pine 40 ins. in diam. bears S. $76^{\circ} E.$ 295 lks. distant, marked $\frac{1}{4} S 7 B T$

And raised a mound of stone 2 ft. base and $\frac{1}{2}$ ft. and a half high W. of cor.

No tree W. of the line within limits.

Therefore the N. half of this line is 40.34 chs. in length and bears S. $0^{\circ} 9' W.$ I continue the resurvey S. $34^{\circ} W.$

Descend over precipitous ground.

Resurvey of portion of the W. bdy. of T. 4 N., R. 38 E.

60.84 Foot of descent, 150 ft. below sec. cor.
 Walla Walla River 50 lks. wide, course W.
 Begin steep precipitous ascent.

84.84 Intersect the old cor. for secs. 7, 12, 13 and 18,
 which is a basalt stone 15x10x5 ins. The bearing
 tree described by the surveyor general as a fir
 16 ins. diam. bearing N. 33° E. 138 lks. distant is
 dead. I re-establish the cor. at the same point
 as follows:
 Set a basalt stone 15x10x5 ins. 10 ins. in the
 ground for cor. of secs. 7, 12, 13 and 18, marked
 with 2 notches on the N. and 4 notches on the S.
 edges, from which:
 A fir 30 ins. diam. bears N. 45° E. 172 lks.
 distant, marked T 4 N R 38 E S 7 B T
 And raised a mound of stone 2 ft. base and 1
 ft. and a half high W. of cor.
 X Therefore the S. half of this line is 44.50 chs.
 in length and bears S. 0° 34' W.
 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. 84.84 chains.

S. 0° 17' W. on a resurvey bet. secs. 13 and
 18.
 Ascend along precipitous W. slope, through
 scattering timber and dense undergrowth.

25.00 Top of spur extending W. 150 ft. above sec. cor.
 Thence along W. slope.

40.00 Intersect the old 1/4 sec. cor. The post and
 bearing trees described by the surveyor general are
 destroyed. The stumps of the bearing trees alone

Resurvey of portion of the W. bdy. of T. 4 N., R. 38 E.

remain. I re-establish the cor. at the same point, as follows:

Set a lava stone 12x12x8 ins. 8 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.

Therefore the N. half of this line is 40.00 chs. in length and bears S. 0° 17' W. I continue the resurvey S. 0° 21' W. along W. slope, through scattering timber and dense undergrowth.

43.00 Begin descent.
39.00 A spring branch 2 lks. wide, course N. 65 lks. W.
Thence ascend.

75.00 Top of spur 100 ft. high, extending W.
Thence descend.

80.10 Intersect the old cor. for secs. 13, 18, 19 and 24, which is a basalt stone 12x10x5 ins. marked as described by the surveyor general. The mound is destroyed. I re-establish the cor. at the same point, as follows:

Set a lava stone 12x8x6 ins. 8 ins. in the ground for cor. of secs. 13, 18, 19 and 24, marked with 3 notches on N. and S. edges, and raised a mound of stone 2 ft. base and 1 ft. and a half high W. of cor.

Therefore the S. half of this line is 40.10 chs. in length and bears S. 0° 21' W.

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. 80.10 chains.

Resurvey of portion of the W. bdy. of T. 4 N., R. 38 E.

For retracement of this mile
See Book of corrected field notes page 3
Attached to Book 2

S. 0° 10' W. on a resurvey bet. secs. 19 and 24.

Along precipitous W. slope, through scattering timber and dense undergrowth, over shallow ravines, running W.

38.62 Intersect the old 1/4 sec. cor., which is a basalt stone 20x12x5 ins., marked as described by the surveyor general. I re-establish the cor. at the same point, as follows:

Set a basalt stone 20x12x5 ins. 15 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. From this cor. a point of rocks 10 ft. high bears N. 30° E. 16 lks. distant, I mark with a cross and B O.

Therefore the N. half of this line is 38.62 chs. in length and bears S. 0° 10' W. I continue the resurvey S. 0° 46' W., along precipitous W. slope.

44.85 A branch 3 lks. wide, course W.

Begin a steep ascent.

60.00 Top of spur, 100 ft. high, extending W. Descend.

77.50 Foot of descent, 100 ft. below top of spur.

Thence ascend.

78.72 Intersect the cor. for secs. 19, 24, 25 and 30.

Land, mountainous.

Soil, light, 3rd rate.

Timber, fir, pine; undergrowth, alder and willow.

Mountainous or heavily timbered land or land covered with dense undergrowth and exceptionally difficult to survey. 78.72 chains.

July 20, 1905.

General Description.

This township is rough in the northern part. It is covered with good grasses for grazing purposes. It is well watered. It should be subdivided.

July 20, 1905.

Robert H. Ames
U.S. Deputy Surveyor.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

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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 and the resurvey of a portion of the east boundary and a portion of the west boundary of Township 4 North, Range 38 East, W. M. 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 the east and west boundaries of T. 4 N., R. 38 E.

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.

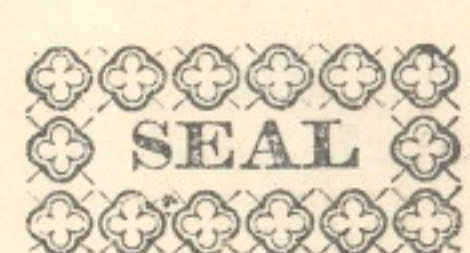
Moundman.

Charley L. Weatherly, Axman.

Chester J. Karker, Axman.

Flagman.

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



Robert F. Omeg, Deputy U. S. 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, 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 east and west boundaries of T.4 N., R. 38 E.

Willamette meridian, in the State 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



J. Patton
by F. R. Cagle Secy
County Clerk for Wasco Co., Oregon
and ex-officio Clerk of the Circuit Court

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Portland Oregon January 3, 1906
Re Portions of the
The foregoing field notes of the survey of

East and West Boundaries 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 the E. W. bds. of T.4 N. R. 38 E. W. M. has been correctly copied from the original notes on file in this office.

John D. Daly
United States Surveyor General.

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. Orme*.....
U.S. Deputy Surveyor.