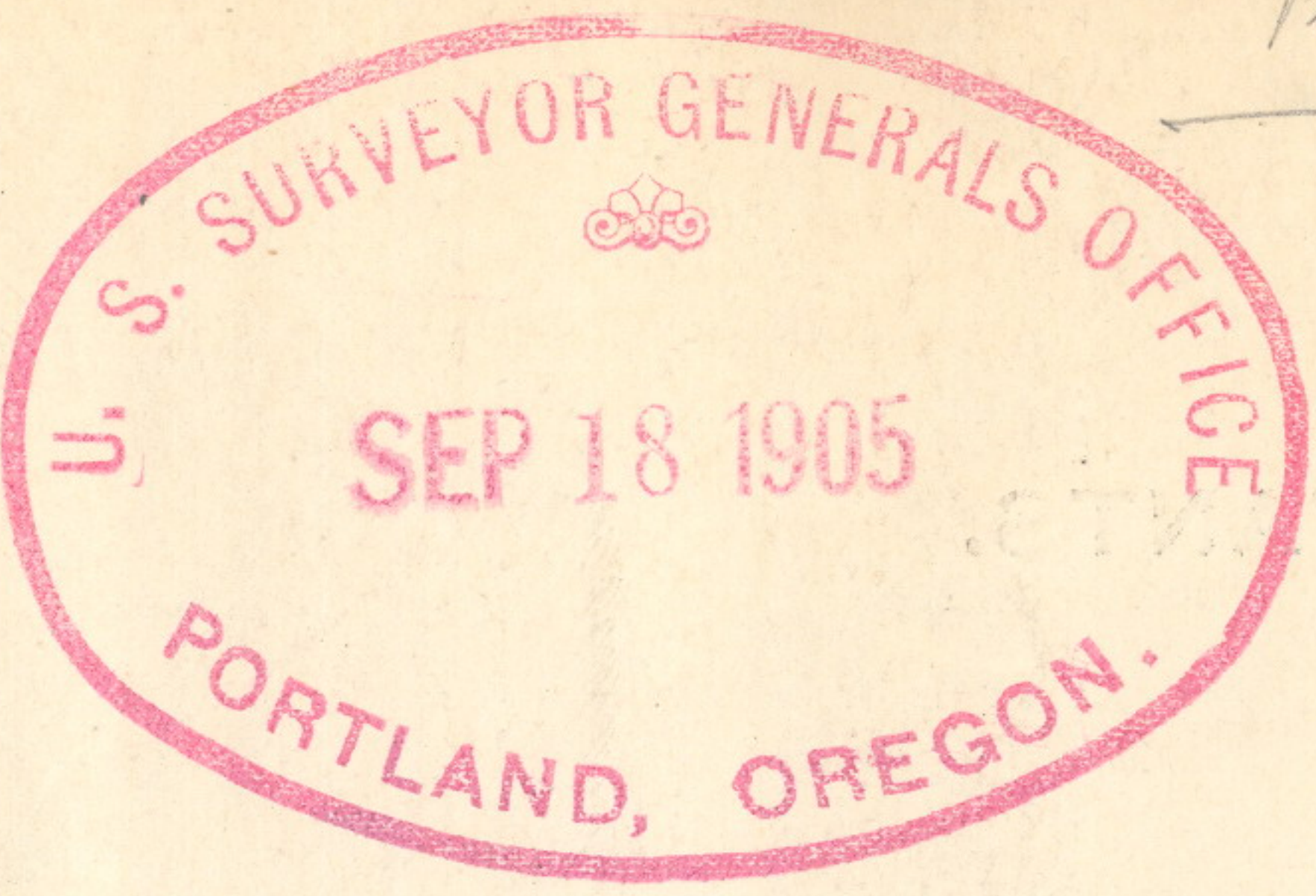


*Plotted*

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4-679.

FILED.  
SEP 21 1905

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# FIELD NOTES

OF THE SURVEY OF THE

A portion of the subdivisions of Township No. 4 North, Range No. 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

Survey commenced *July 17 th*, 1905

Survey completed *July 18th*, 1905

6-151

*Transcribed*  
OCT 19 1905  
*Dustin*



NAMES AND DUTIES OF ASSISTANTS.

Dale Babcock, *Babcock* Chairman

George Talbert, *Talbert* do

Charley L. Weatherly *Weatherly* Axman

Chester J. Karker *Karker* do.

*Deposited Affidavit necessary  
Subscribed Just prior*

*Page 3. ... beginning ... all ... which  
has ...  
which is a ... promptly set ...  
as detailed to ...*

6-151

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

*See Page 105 of ...*  
*Page 1. Survey Commission ...*  
*completed July 15 1905*  
**Robert F. Orme,**  
U. S. Deputy Surveyor.

*Page 11. ... of ...*



# 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 re  
of a portion of the subdivisions of T. 4 N., R. 38 E., W. M.

Copy. See Book "D". Dale H. Babcock, Chainman.  
do do. 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 \_\_\_\_\_

*You may copy from Book D. the Preliminary Oaths, Moundman.  
& make a copy if you can't find the original Moundman.*

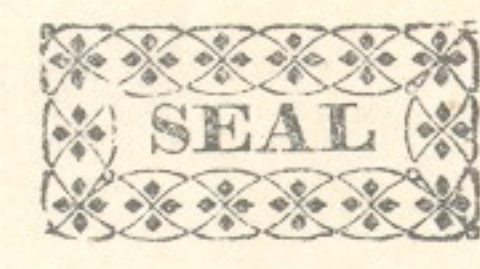
Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 1905



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 re  
of a portion of the subdivisions of T. 4 N., R. 38 E., W. M.

Copy. See Book "D." Charley L. Weatherly, Axman.  
do do. 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 a portion of the subdivision of T. 4 N., R. 38 E.

Survey commenced July 17, 1905, and executed with a W. and L. E. Gurley solar compass, No. 210. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the latitude and declination arcs.

The instrument was examined, tested on the meridian at Portland, Oregon, and was approved by the United States Surveyor General for Oregon, July 17, 1905.

I examine the adjustments of the compass and correct the level errors; then, to test the solar apparatus, by comparing its indications, resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by an observation on Polaris, I proceed as follows:

I begin at the corner of Sections 13, 18, 19 and 24, on the E. bdy. of T. 4 N., R. 38 E., latitude  $45^{\circ} 49'$  N., longitude  $118^{\circ} 2'$  W.

At 7 h. p.m., l.m.t., I set off  $45^{\circ} 49'$  N. on the latitude arc;  $21^{\circ} 17'$  N. on the decl. arc; and mark the meridian thus determined with the solar by a cross on a stone firmly set in the ground 5 chains N. of the instrument.

At 11 h. 48.5 m. by my watch, which is set for mean solar time, I observe Polaris at eastern elongation, in accordance with the instructions in the Manual, and mark the line thus determined by a tack driven in a wooden peg set in the ground 5 chains N. of my station.

July 17, 1905.

July 18, 1905: At 6 h. a.m., I lay off the azimuth of Polaris,  $1^{\circ} 43.4'$  to the west and mark the meridian thus determined by cutting a small groove in the



## Resurvey of a portion of the subdivisions of T.4 N., R.38 E.

stone set last evening on which the meridian falls, on the mark determined by the solar.

At 7 h. a.m. I set off  $45^{\circ} 49'$  N. on the latitude arc;  $21^{\circ} 7'$  N. on the decl. arc; and mark the true meridian, determined with the solar, by a cross on the stone already set, 5 chains N. of my station; this mark falls on the meridian established by Polaris observation.

The solar apparatus, by p.m. and a.m. observations, defines positions for meridians in the meridian established by Polaris observation. Therefore, I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the meridian at 8 h. a.m. is N.  $23^{\circ} 30'$  W.; the angle thus determined gives the magnetic decl.  $23^{\circ} 30'$  E.

Preliminary to commencing the subdivision of this township, I retrace the old lines of survey,

as follows: *I commence at the cor. to secs. 13, 18, 19 & 24 on the E. edge of the Twp. thence I run*  
W. bet. Secs. 13 and 24.

40.27 The old  $1/4$  sec. cor. bears N. 64 lks. distant.

80.37 Fall 64 lks. S. of the cor. of secs. 13, 14, 23 & 24.

West on the retrace bet. secs. 14 and 23.

40.35 Fall 40 lks. N. of the old  $1/4$  sec. cor.

80.40 Fall 40 lks. N. of the old cor. for secs. 14, 15, 22 and 23.

Retrace S.  $89^{\circ} 51'$  W. bet. secs. 15 and 22.

41.75 Fall 10 lks. S. of the old  $1/4$  sec. cor.

81.75 Fall 21 lks. S. of the cor. for secs. 15, 16, 21 and 22.

S.  $89^{\circ} 56'$  W. on retrace bet. secs. 16 and 21.

40.00 Fall 5 lks. S. of the old  $1/4$  sec. cor.

71.50 Fall 9 lks. S. of the witness cor. for secs. 16, 17, 20 and 21.

Thence I run on offset: S., 13.50 chs.; thence W. 8.50 chs., at which point I intersect the W.C. for secs. 16, 17, 20 and 21.

July 18; At this cor. I set off  $21^{\circ} 3, 5'$  on the decl. arc;



## Resurvey of a portion of the subdivision of T. 4 N., R. 38 E.

and at 12 h. and 6 m. l.m.t. observed the sun on the meridian. The resulting latitude is  $45^{\circ} 49'$ .

From the old witness cor. secs. 16, 17, 20 and 21, on the line bet. secs. 20 and 21, I continue the retrace S. bet. secs. 20 and 21.

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

66.30 Intersect the old cor. for secs. 20, 21, 28 and 29.

North  $89^{\circ} 47'$  W. on the retrace bet. secs. 20 and 29.

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

80.10 Intersect the old cor. for secs. 19, 20, 29 and 30.

West on the retrace bet. secs. 19 and 30.

40.35 Fall 23 lks. S. of the old  $1/4$  sec. cor..

78.35 Fall 95 lks. S. of the old cor. for secs. 19, 24, 25 and 30.

The retrace shows the old corners to be very badly dilapidated, and in most cases almost entirely obliterated, and the lines to be practically destroyed, and it shows many of the courses to be out of limits. Therefore, in order to properly execute the new survey and to re-establish the old obliterated corners, I proceed to resurvey the lines retraced in accordance with the Manual and the authority given me in my special instructions.

July 18, 1905: At 2 h. and 5 m. P.m., l.m.t., I set off  $45^{\circ} 48'$  on the latitude arc;  $2^{\circ} 53'$  N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 19, 24, 25 and 30. Thence I run S.  $88^{\circ} 56'$  E. on a resurvey bet. secs. 19 and 30.

Ascend through heavy timber and dense undergrowth.



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

See page 2 of corrected notes attached to Book A. for distances

- 32.00 Leave heavy timber and enter scattering timber, bears N. and S. Thence over rolling land.
  - 38.00 Intersect the old 1/4 sec. cor., which is of basalt stone 16x12x5 ins. marked as described by the surveyor general. No trace of the pits remains. I re-set the stone 11 ins. in the ground and raise a mound of stone, 2 ft. base, foot and a half high N. of the cor.  

Therefore the W. half of the line is ~~38~~<sup>38.26</sup> chs. in length and bears ~~S. 88° 56' E.~~<sup>S 89° 10' E.</sup> Thence I run S. 89° 40' E.
  - 44.00 Settlers road bears N. and S.
  - 44.50 Wire fence bears N. and S. Enter heavy timber, bears N. and S.
  - 78.35 Intersect the old cor. for secs. 19, 20, 29 and 30, which is a basalt stone 15x10x10 ins. marked as described by the surveyor general. The bearing trees are overgrown and some of them dead. I re-establish a cor. at the same point as follows: Set a basalt stone 15 x 10 x 10 ins. 10 ins. in the ground for cor. of secs. 19, 20, 29 and 30, marked with 5 notches on the E. and 2 notches on the S. edges, from which:
    - A tamarack 12 ins. in diameter bears N. 67° E 17 lks. distant marked T.4 N. R.38.E sec. 20, B.T.
    - A fir 18 ins. diam. bears S. 30°E 26 lks.distant marked T.4 N. R.38 E,sec. 29, B.T.
    - A pine 16 ins. diam. bears S. 65°W. 22 lks. distant,marked T.4 N. R. 38 E,sec.30, B.T.
    - A tamarack 12 ins. in diam. bears N. 77° W. 25 lks. distant marked T.4 N.R.38 E,sec.19,B.T.
- \* Land rolling and mountainous.  
 Soil first and second rates.  
 Timber, fir, pine, spruce; undergrowth, willow, maple and wild berry.  
 \* Therefore the E.half of this line is 40:35 chs. in length and bears S.89° 40' E.



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

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

78.35 chains.

S. 89° 47' E. on the resurvey bet. secs. 20 and 29.

Over rolling land through heavy timber and dense undergrowth.

The line falls along settlers' wire fence.

40.05 Intersect the old 1/4 sec. cor. The stake described by the surveyor general is destroyed and the S.W. bearing tree is dead. I re-establish the corner at the same point as follows: Set a basalt stone 15x12x8 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face, from which:

A fir 14 ins. diam. bears S. 31°<sup>w</sup> 30 lks. distant marked 1/4 S. 29, B.T.

A fir 18 ins. diam. bears N. 42°W. 65 lks distant, marked 1/4 S. 20, B.T.

Therefore, the W. half of this line is 40.05 chs. in length and bears S. 89° 47' E.

I continue the resurvey S. 89° 47' E.

53.30 A branch 3 lks. wide, course S.

80.10 Intersect the old cor. for secs. 20, 21, 28 and 29.

The stake described by the surveyor general is destroyed and the bearing trees are all dead but the stumps are visible. I re-establish the cor. at the same point as follows:

A pine 6 ins. diam. for cor. of secs. 20, 21, 28 and 29 I mark T. 4 N. S. 21 on N.E.

R. 38 E. S. 28 on S.E.;

S. 29 on S.W.;

S. 20 on N.W. face; marked with 4 notches on the E. and 2 notch<sup>ES</sup> on the S. edge; from which:

See page 2 of notes attached to Book D. for corrected 1/4 survey



## Resurvey of a portion of the subdivision of T. 4 N., R. 38 E.

A pine 8 ins. diam. bears N.  $71^{\circ}$ E. 18 lks. distant marked T. 4 N. R. 38 E. S. 21 B.T.

A pine 6 ins. diam. bears S.  $41^{\circ}$ E. 10 lks. distant marked T. 4 N. R. 38 E. S. 28 B.T.

A pine 8 ins. diam. bears S.  $36^{\circ}$  W. 8 lks. distant marked T. 4 N. R. 38 E. S. 29 B.T.

A pine 6 ins. diam. bears N.  $25^{\circ}$  W. 8 lks. distant marked T. 4 N. R. 38 E. S. 20 B.T.

Therefore the E. half of this line is 40.05 chs. in length and bears S.  $89^{\circ} 47'$  E.

Land rolling and 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.

80.10 chains.

N. on a resurvey bet. secs. 20 and 21. Ascend through heavy timber and dense undergrowth, over rolling land.

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

The post described by the surveyor general is gone and the stumps of the bearing trees alone remain.

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

Set a pine stake 3 ft. long 3 ins. square 24 ins. in the ground marked  $1/4$  S. 20 on W. and 21 on E. face, from which:

A pine 14 ins. diam. bears N.  $45^{\circ}$ E. 26 lks. distant marked  $1/4$  S. 21 B.T.

A tamarack 12 ins. in diam. bears N.  $45^{\circ}$ W. 7 lks. distant marked  $1/4$  S. 20 B.T.

Therefore the S. half of this line is 39.80 chs. in length and bears N. I continue the resurvey N.

See page 2 of notes attached to Book D. for corrected  $1/4$  S. cor.



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

66.30 Intersect the old witness cor. for the cor. of secs. 16, 17, 20 and 21, which is almost obliterated. I destroy the old witness cor. and continue the resurvey on North over precipitous ground.

79.80 Set a basalt stone 15x8x8 10 ins. in the ground for cor. of secs. 16, 17, 20 and 21, marked with 4 notches on the E. and 3 notches on the S. edges, and raise a mound of stone 4 ft. base, /ft. and a half high W. of cor. This cor. is in a rocky basin 100 ft. below the old witness cor.

Therefore the N. half of this line is 40 chs. in length and bears N.

Land rolling and 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.

79.80 chains.

-----  
East on a resurvey bet. secs. 16 and 21. Ascend over precipitous ground, through scattering timber and dense undergrowth.

8.50 Intersect the old witness cor. for secs. 16, 17, 20 and 21. I destroy the old witness cor.

10.00 Top of spur extending N. 100 ft. above sec. cor. Begin steep descent of N.E. slope.

40.00 Intersect the old 1/4 sec. cor. The stone alone remains. The bearing trees are all dead. I re-establish the cor. at the same point as follows:

Set a basalt stone 18x8x8 ins. 14 ins. in the ground for 1/4 sec. cor. marked 1/4 on N face, from which:

A fir 6 ins. in diam. bears N. 65° E. 12 lks. distant marked 1/4 S 16 B T.



## Resurvey of a portion of the subdivision of T. 4 N., R. 38 E.

- A pine 8 ins. diam. bears S.  $20^{\circ}$  W. 45 lks. distant  
marked 1/4 S 21 B T
- Therefore the W. half of this line is 40 chs. in  
length and bears E. I continue the resurvey E.
- 50.50 A spring branch 3 lks. wide, course N.  $65^{\circ}$  E. Ascend  
over low spur.
- 62.00 Top of spur extending N. 75 ft. above branch.  
Thence descend into creek.
- 76.85 A creek 15 lks. wide course N.  $10^{\circ}$  W. This creek  
is 800 ft. below the top of the ridge.  
Thence ascend over stony S. hillside.
- 80.00 Intersect the old cor. for secs. 15, 16, 21 and 22,  
which is almost destroyed. I re-establish it at the  
same point as follows: Set a basalt stone 15x10x8  
ins. 10 ins. in the ground for cor. of secs. 15, 16,  
21 and 22, marked with 3 notches on the E. and S.  
edges; and raise a mound of stone 2 ft. base, 1 ft. and  
a half high, W. of cor.
- Therefore the E. half of this line is 40 chs. in  
length and bears E.
- Land rolling and 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.
- 80.00 chains.
- 
- July 18, 1905: At 4 h. a.m., l.m.t. I set off  $21^{\circ}2.5'N.$   
on the decl. arc;  $45^{\circ}49'N.$  on the lat. arc; and  
determine a meridian with the solar at the cor. of  
secs. 15, 16, 21 and 22.
-



## Resurvey of a portion of the subdivision of T. 4 N., R. 38 E.

E. on the resurvey bet. secs. 15 and 22, over steep, rocky ascent, through scattering timber and dense undergrowth.

27.00 Top of spur, 250 ft. above sec. cor. extending N.  
Descend.

40.00 Intersect the old  $1/4$  sec. cor., which is a basalt stone  $12 \times 10 \times 8$  ins., marked as described by the surveyor general. The pits and mound described by the surveyor general are destroyed. I re-establish the cor. at the same point, as follows:

✓ Set a basalt stone  $12 \times 10 \times 8$  ins. 8 ins. in the ground for  $1/4$  sec. cor. marked  $1/4$  on the N. face, from which:

A fir 8 ins. in diam. bears S.  $36^{\circ}30'E$ . 23 lks. distant, marked  $1/4$  S 22 B T.

A tamarack 6 ins. in diam. bears N.  $45^{\circ}30'E$ . 11 lks. distant, marked  $1/4$  S 15 B T.

Therefore the W. half of this line is 40.00 chs. in length and bears E.

Thence ascend steep W. slope.

81.75 Intersect the old cor. for secs. 14, 15, 22 and 23, which is a stone  $18 \times 15 \times 8$  ins., marked as described by the surveyor general. The mound described by the surveyor general is destroyed. I re-establish the cor. at the same point as follows:

Set a basalt stone  $18 \times 15 \times 8$  ins. 14 ins. in the ground for cor. of secs. 14, 15, 22 and 23, marked with 2 notches on the E. and 3 notches on the S. edge, and raised a mound of stone 2 ft. base and a ft. and a half high, W. of cor.

Therefore the E. half of this line is 41.75 chs. in length and bears E.

Land mountainous.

Soil first and second rates.



## Resurvey of a portion of the subdivision of T. 4 N., R. 38 E.

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.

81.75 chains.

E. on a resurvey bet. secs. 14 and 23. Ascend through scattering timber and scattering undergrowth over stony W. slope.

20.00 Enter heavy timber and dense undergrowth, bears N. and S. Thence over rolling ground on top of divide, which is 1000 ft. above the creek W.

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

Set a fir post 3 ft. long 3 ins. square, 24 ins. in the ground for  $1/4$  sec. cor. marked  $1/4$  S 14 on N. and 23 on S. face, from which:

A tamarack 16 ins. in diam. bears N.  $3^{\circ}$  E. 7 lks. distant marked  $1/4$  S 14 B T.

A fir 24 ins. in diam. bears S.  $9^{\circ}$  E. 30 lks. distant marked  $1/4$  S 23 B T.

Therefore the E. half of this line is 40.05 chs. in length and bears E. I continue the resurvey N.  $89^{\circ} 26'$  E. over rolling ground and through heavy timber and dense undergrowth.

80.40 Intersect the old cor. for secs. 13, 14, 23 and 24, which is a basalt stone  $12 \times 12 \times 6$  ins. marked as described by the surveyor general. The marks on the bearing trees are almost obliterated. I re-establish the cor. at the same point, as follows:

Set a basalt stone  $12 \times 12 \times 6$  ins. 8 ins. in the ground, marked with 1 notch on the E. and 3 notches



## Resurvey of a portion of the subdivision of T. 4 N., R. 38 E.

on the S. edge, from which:

A fir 12 ins. in diam. bears N.  $58^{\circ}$  E. 56 lks. distant  
marked T 4 N R 38 E S 13 B T.

A fir 12 ins. in diam. bears S.  $50^{\circ}$  W. 40 lks.  
distant marked T 4 N R 38 E S **23** B T.

A fir 15 ins. in diam. bears N.  $15^{\circ}$  W. 53 lks.  
distant, distant, marked T 4 N R 38 E S 14 B T.

No SE. tree within limits. *Pits or mound of stone impracticable.*

Therefore the E. half of this line is 40.35  
chs. in length and bears N.  $89^{\circ} 26'$  E.

Land rolling and mountainous.

Soil first and second rates.

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

Mountainous or heavily timbered land or land cov-  
ered with dense undergrowth and exceptionally  
difficult to survey.

80.40 chains

---

E. on a resurvey bet. secs. 13 and 24, over rolling  
land through heavy timber and dense undergrowth.

29.10 A spring branch 2 lks. wide, course N.E.

37.50 A spring branch 5 lks. wide, course S.E.

40.10 Intersect the old  $1/4$  sec. cor., which is a pine  
14 ins. in diam., marked as described by the sur-  
veyor-general. The N.E. witness tree is dead. I  
re-established the cor. at the same point as fol-  
lows:

A pine 15 ins. in diam. for  $1/4$  sec. cor.,  
marked  $1/4$  S 13 on N. and 24 on S. face, from which:

A pine 12 ins. in diam. bears S.  $16^{\circ}$  W. 8 lks.  
distant, marked  $1/4$  S. 24 B T

A pine 14 ins. in diam. bears N.  $10^{\circ}$  W. 22 lks.  
distant, marked  $1/4$  S 13 B T



## Resurvey of a portion of the subdivision of T. 4 N., R. 38 E.

Therefore the W. half of this line is 40.10 chs. in length and bears E. I continue the resurvey S. 89° 5' E. over rolling land, through heavy timber and dense undergrowth.

80.37 Intersect the old cor. ~~700~~ secs. 13, 18, 19, and 24. The fir post described by the surveyor general is decayed and some of the witness trees are dead and the marks on others almost obliterated. I re-established the cor. at the same point as follows:

Set a basalt stone 15x12x12 ins. 10 ins. in the ground for cor. of secs. 13, 18, 19 and 24, marked with 3 notches on N. and S. edges, from which:

A fir 18 ins. in diam. bears N. 59° E. 30 lks. distant, marked T ~~4~~ N R 39 E S 18 B T

A fir 16 ins. in diam. bears S. 39° E. 36 lks. distant, marked T 4 N R 39 E S 19 B T

A tamerack 18 ins. in diam. bears S. 35° W. 14 lks. distant, marked T 4 N R 38 E S 24 B T

A fir 30 ins. in diam. bears N. 70° W. 24 lks. distant, marked T 4 N R 38 E S 13 B T.

Therefore the E. half of this line is 40.27 chs. in length and bears S. 89° 5' E.

Land rolling and 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.

80.37 chains.

July 18, 1905.

Robert F. Oney  
U.S. Deputy Surveyor.



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 a portion of the subdivisions of T. 4 N., R. 38 E., 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 subdivisions of T. 4 N., R. 38 E.,

of the Willametter 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

- (Copy. See Book "D".) Dale H. Babcock, Chainman.
do do George Talbert, Chainman.
Moundman.
Moundman.
(Charley L. Weatherly, Axman.
do do Chester J. Karker, Axman.
Flagman.

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



Robert F. Omeg, U. S. Deputy Surveyor.



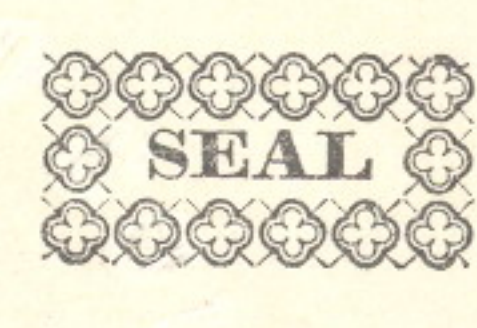
FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

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, 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 Township 4 North, Range 38 East

of the 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 16th day of September, 1905



Simon Bolton  
County Clerk for Wasco County, Oregon and  
ex-officio Clerk of the Circuit Court.  
by F. R. Angell deputy  
APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Portland Or. January 3, 1906

Re Portion of the  
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 T 4 N R 38 E Willamette Or., has been correctly copied from the original notes on file in this office.

John D. Daly  
United States Surveyor General.