

FIELD NOTES.

On the survey of the Ontario
 Lines of Tps. 7-8 & 9 S R 34 E 9 Tps
6. 7. 8 & 9 S R 35 E Willamette Meridian,
 Oregon, as surveyed by Heran D Gradow
 U. S. Deputy Surveyor, under his Contract No. 499
 dated March 10th 1884

Survey commenced June 16" 1884
 Survey completed September 17" 1884

NAMES AND DUTIES OF ASSISTANTS.

....., Compassman.
Andy Hearty, Chainman.
, Chainman.
Jesse B Stinchon, Chainman.
, Chainman.
Henry Canaday, Axeman.
Calvin Wilson, Axeman.
, Flagman.

PRELIMINARY OATHS OF ASSISTANTS.

We, *Andy Heater* and
Jesse B. Stinehour

do solemnly swear that we will faithfully execute the duties of Chain Carriers, that we will level the chain over even and uneven ground, and plumb the tally pins, either 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 will assist in measuring, to the best of our skill and ability, and in accordance with the instructions given us in

the survey of the *exterior lines of Tps 7, 8 and 9 South, R34 East and Tps 6, 7, 8 & 9 South, R35 East* lines of *Willamette Meridian, Oregon.*

Andy Heater, Chainman.
Jesse B. Stinehour, Chainman.
_____, Chainman.
_____, Chainman.

Subscribed and sworn to before me, this *16*

day of *May* 188*4*

[SEAL.]

J. H. D. Gradon
Notary Public

We, *Henry Canaday* and
Calvin Wilson, do solemnly swear

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

in the survey of the *exterior lines of Tps 7, 8 & 9 S R34 E and Tps 6, 7, 8 & 9 S R35 E* Willamette Meridian, Oregon.

Henry Canaday, Axeman.
Calvin Wilson, Axeman.

Subscribed and sworn to before me, this *16*

day of *May* 188*4*

[SEAL.]

J. H. D. Gradon
Notary Public

53

..... of T. R.

Willamette Meridian, Oregon.

107 | 108 | 110 | 112 | 114 | 116

124 | 123 | 122 | 121 | 120 | 118

6 5 4 3 2 1 ¹⁰⁴

104

102

12 ¹⁰²

100

13 ¹⁰⁰

T 7 S R 35 E

24 ⁹⁸

98

25

96 ⁹⁶

94

36 ⁹⁴

73 | 76 | 78 | 80 | 82 | 84

93 | 91 | 90 | 89 | 88 | 86

6 5 4 3 2 1

70 ⁷⁰

68

12 ⁶⁸

T 8 S R 34 E

T 8 S R 35 E

66

13 ⁶⁶

64

24 ⁶⁴

62

20 ⁶²

31 - 32 - 33 - 34 - 35 - 36 ⁶⁰

39 | 42 | 41 | 46 | 48 | 50

58 | 57 | 56 | 55 | 54 | 52

6 5 4 3 2 1

36 ³⁶

34

12 ³⁴

T 9 S R 34 E

T 9 S R 35 E

32

13 ³²

24 ³⁰

30

25 ²⁹

29

27

36 ²⁷

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Resurvey.

E. boundary of T. 7 S R. 35 E
 Willamette Meridian, Oregon.

North on the E. boundary of Sec 1.

To $19\frac{3}{4}^{\circ}$ E.

19.60 The established ~~cor. A~~ $\frac{1}{4}$ sec cor.

40.00 Set a basalt-stone $20 \times 12 \times 5$ ins. 15 ins
 in the ground for $\frac{1}{4}$ sec cor. marked
 $\frac{1}{4}$ on the N. face. from which
 A fir 5 ins. diam. bears $N 27^{\circ} W$ 7 lks
 dist. marked $\frac{1}{4}$ S. B. D.

A pine 9 ins. diam. bears $S 22^{\circ} W$ 36 lks
 dist. marked $\frac{1}{4}$ S. B. D.

59.57 The established cor. to Tps. 6 & 7 S.
 R. 35 $\frac{1}{2}$ E

80.00 Set a basalt-stone $18 \times 12 \times 6$ ins
 12 ins. in the ground for cor. to
 Tps. 6 & 7 S. R. 35 E. marked with
 6 notches on the N. S & W. edges
 from which
 A fir 10 ins. diam. bears $S 10^{\circ} W$ 11 lks. dist.
 marked T 7 S R 35 E. S 1 B. D.

A spruce 8 ins. diam. bears $N 35^{\circ} W$ 79 lks. dist.
 marked T 6 S R 35 E S. 36 B. D.

Resurvey

E. boundary of T. 7 S R. 35 E
 Willamette Meridian, Oregon.

Land high and rolling
 Soil 2d rate -

Densely covered with forests
 of pine - fir and tamarack
 80,000 lbs

August - 31" 1884.

Boundary of T. 6 S R. 35 E.
Willamette Meridian, Oregon.

From the Cor. to Tps. 6 & 7 S R. 35 E
I run West on a random line between
said townships the variation of
my compass being $19\frac{3}{4}^{\circ}$ E I set
Temporary half-mile and mile
Corners at each 40 & 80 chs and
find the township line to be 5 miles
60 chs and 63 lks long, and
the falling to be 282 lks South of
the Cor. to Tps 6 & 7 S Rs. 34 & 35 E
The correction for the true line will
therefore be 49 lks. N. per mile,
and its course will be $S 89^{\circ} 3.9' E$.

From the Cor. to Tps 6 and 7 S
Rs 34 & 35 E. which is a basalt-
stone 20 x 20 x 8 ins. marked with
6 notches on each edge, and
from which
Spine 10 ins. diam. bears $N 36^{\circ} E$ 34 lks dist.
marked T 6 S R. 35 E S B 1 B. N

S. boundary of T. 6 S R. 35 E
Willamette Meridian, Oregon.

Apine 11 ins. diam. bears S 38° E. 34 lks. dist.
marked T 7 S R 35 E. S 6, B, D.

Apine 10 ins. diam. bears S 60° W. 23 lks.
dist. marked T 7 S R 34 E. S 1, B, D.

Apine 12 ins. diam. bears N 70° W 29 lks
dist. marked T 6 S. R 34 E. S 36, B, D.

Thence I run -

S 89° 39' E. on a true line on S. boundary
of sec 31. to 20° E

20.63 Set a post 3 ft. long, 3 ins. square
24 ins. in the ground for 1/4 sec cor.
marked 1/4 S. on the N. face.

from which
Apine 14 ins. diam. bears N 12° E. 8 lks
dist. marked 1/4 S B, D.

Apine 7 ins. diam. bears S 35° W 42
lks. dist. marked 1/4 S B, D.

38.00 Brook 6 lks wide runs S.W.

60.63 Set a post 4 ft. long, 4 ins
square. 24 ins. in the ground
for cor to secs. 31 & 32.

S. boundary of T. 6 S R. 35 E
 Willamette Meridian, Oregon.

marked T 6 S R 35 E S 32. on N E
 R 35 E S 31 on N.W. faces with
 5 notches on the E. and 1 notch
 on the W. edges from which
 A pine 6 ins diam. bears $N 60^{\circ} E 18$ lks
 dist. marked T 6 S R 35 E S 32 B. D.
 A pine 7 ins. diam. bears $N 82^{\circ} W 11$ lks. dist.
 marked T 6 S R 35 E S 31 B. D.
 Land high and broken
 Soil 2^d. rate - Densely covered
 with forests of pine-fir and
 tamarack 60. 63 chs —

$S 89^{\circ} 39' E$ on a true line on S. boundary of Sec 32
 or $N 20^{\circ} 4' E$

4000 Set a post - 3 ft. long - 3 ins square
 24 ins. in the ground for $\frac{1}{4}$ sec cor
 marked $\frac{1}{4}$ on the N. face. from which
 A pine 7 ins. diam. bears $N 82^{\circ} W 16$ lks. dist.
 marked $\frac{1}{4}$ S B. D.

S. boundary of T. 6 S R. 35 E
 Willamette Meridian, Oregon.

Apine 6 ins. diam. bears S 55° E 17 lks dist.
 marked 4 S. B. P.

80.00 Set a basalt stone 14 x 10 x 6 ins
 9 ins in the ground for cor.
 to Secs 32 & 33. marked with
 4 notches on the E. and 2
 notches on the W. edges.

from which
 Apine 20 ins. diam. bears N 58° E. 80 lks.
 dist. marked T 6 S R 35 E. S 33. B. P.

Apine 18 ins. diam. bears N 65° W 7 lks.
 dist. marked T 6 S R 35 E. S 32 B. P.

Land high and rolling -

Soil 2^d rate -

Densely covered with forests
 of pine, fir and tamarack
 80.00 chs

Sep 1st 1884

S. boundary of T. 6 S R. 35 E
 Willamette Meridian, Oregon.

S 89° 39' E. on a true line on S. boundary of sec 33
 Va 20 1/2° E.

28.50 A spring branch 2 1/2 lks wide runs S.
 40.00 Set a basalt stone 16 x 10 x 10 ins
 10 ins. in the ground for 4 sec. cor
 marked 4 on the N. face

from which
 Apine 8 ins. diam. bears N 29° E. 3 1/2 lks. dist.
 marked 4 S. B. T.

Apine 7 ins. diam. bears S 23° W 36 lks. dist.
 marked 4 S. B. T.

80.00 Set a basalt stone 14 x 10 x 8 ins
 9 ins in the ground for cor. to
 Secs. 33 & 34. marked with
 3 notches on the E and W. edges

from which
 Apine 12 ins. diam. bears N 72° E 193 lks. dist.
 marked T 6 S R 35 E S 34 B. T.

Apine 10 ins. diam. bears N 28° W 185 lks. dist.
 marked T 6 S R 35 E S 33. B. T.

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S. boundary of T. 6 S R. 35 E.
Willamette Meridian, Oregon.

Land high and rolling
Soil 2^d rate.
Densely covered with forests of
pine, fir and tamarack.
8000 @ \$2 —

✓

S. boundary of T. 6 S R. 35 E
Willamette Meridian, Oregon.

S 89° 39' E on a true line bet. S. boundary of
Sec. 34. to 204° E.

- 3.00 Brook 3 lks wide runs SW.
- 40.00 Set a post 3 ft. long - 3 ins sq and
24 ins in the ground for 4 sec. cor.
marked 1/4 S on N. face
from which
Spine 7 ins. diam. bears N 70° W. 8 lks. dist.
marked 1/4 S. B. D.
- Spine 7 ins. diam. bears S 32° E. 10 lks. dist.
marked 1/4 S. B. D.
- 45.00 A ravine crossed N.
- 80.00 Set a Sandstone 14 x 7 x 6 ins. 9 ins
in the ground for cor. to secs 34 &
35. marked with 2 notches on the E
and 4 notches on the W. edges
from which
Spine 20 ins. diam. bears N 71° E. 96 lks. dist.
marked T 6 S R 35 E S 35 B. D.
- Spine 6 ins. diam. bears N 39° W 5 lks. dist.
marked T 6 S. R 35 E. S 34 B. D.

S. Boundary of T. 6 S R. 35 E
Willamette Meridian, Oregon.

Land high and rolling
Soil 2^d rate.

Densely covered with forests of
pine, fir and tamarack
80.00 @hs.

S. boundary of T. 6 S R. 35 E
 Willamette Meridian, Oregon.

S 89° 39' E. on a true line on S. boundary
 of sec 35 to 20° E

40.00 Set a post - 3 ft. long, 3 ins. square
 24 ins. in the ground for $\frac{1}{4}$ sec. corner
 marked $\frac{1}{4}$ S. on N. face.

from which
 A pine 10 ins. diam. bears N 45° E 15 lks. dist,
 marked $\frac{1}{4}$ S. B. I.

A pine 9 ins. diam. bears S 58 W. 8 lks. dist,
 marked $\frac{1}{4}$ S. B. I.

45.50 A brook 4 lks. wide runs N.

41.50 Dry bed of creek course N.

80.00 A black pine 6 ins. in diam. which
 I marked T 6 S. S 36 on the NE and
 R 35 E. S. 35 on the NW. faces with
 1 notch on the E. and 5 notches
 on the W. edges. from which
 A pine 6 ins. diam. bears N 45° E. 23 lks. dist,
 marked T 6 S. R 35 E S 36 B. I.

A tamarack 10 ins. diam. bears N 67° W. 19 lks. dist
 marked T 6 S R 35 E S 35 B. I.

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S. boundary of T. 6 S. R. 35 E.
Willamette Meridian, Oregon.

Land high and rolling
soil 2d rate
Densely covered with forests of
pine, fir and tamarack
80,000 chs.

S. boundary of T. 6 S R. 35 E
 Willamette Meridian, Oregon.

S89°39' E. meridian line on S. boundary of T. 6 S R. 35 E
 Va 20 1/4° E

9.50 A. Spring branch 2 1/2 lks wide runs N.
 40.00 Set a basalt stone 12 x 10 x 8 ins. 8 ins. in
 the ground for 1/4 sec. cor.
 marked 1/4 on the N. face. from which
 Apine 8 ins. diam. bears N 32° W. 1 1/2 lks. dist.
 marked 1/4 S. B. P.

Apine 8 ins. diam. bears S 32° E 4 lks dist.
 marked 1/4 S. B. P.

75.00 Brook 3 lks. wide runs N. E.

80.00 The Cor. to Tps. 6 and 7 S R. 35 E
 Land high and rolling
 Soil 2d. rate -

Densely covered with forests of
 pine, fir and tamarack

80.00. Chs.

Sep. 20" 1884

Resurvey, North

Boundary of T. 7 S. R. 35 E

Willamette Meridian, Oregon.

As the E. boundary of T 7 S. R 35 E has been resurveyed by me and a portion of the line found to have a bearing $N 0^{\circ} 54' W$ so that it makes a departure to the West of 1.60 chs. it renders it necessary that a re-survey of this line should be made and a new set of corners established on which to close the subdivisions of T 7 S. R 35 E making the N. boundary of sec. 1 only 78.40 chs in length. I therefore commenced at the Cor. to Tps. 6 and 7 S. R 35 E. and run $N 89^{\circ} 39' W$ on a true line on the N.

boundary of sec 1. to $19^{\circ} \frac{3}{4}' E$
40.03 The $\frac{1}{4}$ Sec. Cor.

78.40 A tamarack 8 ins diam. which I mark T 7 S. S 1 on the S. E. and R 35 E. S 2 on S. W. faces. with 1 notch on the E. and 5 notches on the N. edges. from which

Resurvey
 N. boundary of T. 7 S R. 35 E
 Willamette Meridian, Oregon.

Aspen 9 ins. diam. bears S 27° E, 19 lbs. dist.
 marked T 7 S R 35 E, S 1 B 1

Aspen 8 ins. diam. bears S 46° W 23 lbs. dist.
 marked T 7 S R 35 E S 2. B. 1

Land high and rolling
 Soil 2d rate

Densely covered with forests of pine
 fir and tamarack 78,440.0 ha.

Resurvey

N. boundary of T. 7 S. R. 35 E
 Willamette Meridian, Oregon.

N 89° 39' W. on a true line on N. boundary
 of sec. 2. to 20 1/4° E

1.63 The Cor. to SECS. 35+36 T6 S. R 35 E

41.59 The 1/4 SEC. COR.

80.00 Set a basalt stone 14x12x6 ins 9 ins

in the ground for cor. to SECS. 2 and 3
 marked with 2 notches on the E. and

4 notches on the W. edges. from which
 A fir 10 ins. diam. bears S 54° E 17 lbs. dist,
 marked T 7 S R 35 E S 2 B. D.

A fir 6 ins. diam. bears S 45° W 11 lbs. dist,
 marked T 7 S R 35 E S 3 B. D.

Land high and rolling —
 Soil 2^d rate —

Densely covered with forests of pine
 fir and tamarack 80.00 chs.

Resurvey

N. boundary of T. 7 S. R. 35 E.
Willamette Meridian, Oregon.

N 89° 39' W. on a true line on N. boundary of sec 3
to 20° E.

1.67 The Cor. to SECS, 34 & 35.
T 6 S, R 35 E.

41.64 The 1/4 SEC., cor.

80.00 Set a post 4 ft. long, 4 ins. square
24 ins. in the ground for Cor. to sec.
3 and 4, marked T 7 S, S 3, on the S E,
and R 35 E, S 4 on the S. W. faces.
with 3 notches on the E. and W.
edges - from which

A pine 6 ins. diam. bears S 60° E, 22 lks. dist,
marked T 7 S, R 35 E, S 3 B, D.

A pine 7 ins. diam. bears S 52° W, 17 lks. dist,
marked T 7 S, R 35 E, S 4 B, D.

Land high and rolling
Soil 2^d rate -

Densely covered with forests of pine
fir and tamarack 80.00 chs.

Resurvey

N. boundary of T. T7S R. 35E
 Willamette Meridian, Oregon.

- N89°39'W. on a true line on N. boundary of sec. 4
 to 204°E.
- 1.62 The cor. to secs 33 & 34. T6S. R35E.
- 41.61 The 4 sec. cor
- 80.00 Set a basalt stone 15x10x10 ins. 10 ins in the
 ground for cor to secs 4 & 5. marked
 with 4 notches on the E. and 2 notches
 on the W. edges. from which
 A pine 40 ins. diam. bears S18°E. 22 lbs. dist.
 marked T7S R35E. S4 - B.P.
- A fir 24 ins. diam. bears S56°W 43 lbs. dist.
 marked T7S R35E. S5 B.P.
- Land high and rolling
 Soil 2d rate -
 Densely covered with forests of pine
 fir and tamarack 80.00 ch.

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Resurvey

N. boundary of T. 7 S — R. 35 E
Willamette Meridian, Oregon.

N 89° 39' W. on a true line on N. boundary of sec. 5
to 20 1/2° E

1.59 The cor. to Secs. 32 & 33. T. 6 S. R. 35 E

41.69 The 4 sec. cor.

80.00 Set a post 4 ft. long, 4 ins square
24 ins in the ground for cor. to sec.

5 & 6. marked T 7 S. S 5 on the S. E. &

R 35 E. S 6. on the SW. faces; with
5 notches on the E. and 1 notch on the

N. edges. from which
Spine 9 ins. diam. bears S 60° E. 14 lks. dist.
marked T 7 S. R 35 E. S 5 B. D.

Spine 7 ins. diam. bears S 24° W 30 lks. dist.
marked T 7 S. R 35 E. S 6. B. D.

Land high and rolling -
Soil 2d rate.

Densely covered with forests of
pine, fir and tamarack.

80.00 chs -

Resurvey

N. boundary of T. 7 S. R. 35 E.
Willamette Meridian, Oregon.

N 89° 39' W. on a true line. on N. boundary of sec. 6
Va 20 1/4° E.

1.60 The Cor. to sec. 31 & 32. T 6 S. R 35 E.

41.61 The 1/4 sec. cor

62.24 The Cor. to Tps 6 & 7 S. R 34 & 35 E.

Land high and broken -
Soil 2d rate.

Densely covered with forests of pine,
fir and tamarack 62.24 Chs.

Sept 3rd 1884

Resurvey.

N. boundary of T. 7 S R. 35 E

Willamette Meridian, Oregon.

General Description

The land in this township is high broken and rolling and densely covered with forests of pine, fir and tamarack timber of good quality.

A. D. Gradon

U. S. Dep. Surveyor.

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FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by Herrman
D. Gradon, U. S. Deputy Surveyor, to assist in
running, measuring and marking the lines and corners described in the foregoing field
notes of the survey of the Interior
lines of Tps 7-8+9 S
R 34 E, Tps 6, 7, 8+9 S, R 35 E Willamette Meridian, Oregon,
showing the respective capacities in which they acted:

-, Compassman.
- Andy Beater....., Chainman.
-, Chainman.
- Jesse B. Stinchow....., Chainman.
-, Chainman.
- Henry Canaday....., Axeman.
- Calvin Wilson....., Axeman.
-, Flagman.

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted Herrman D.
Gradon, U. S. Deputy Surveyor, in surveying all
those parts or portions of the exterior lines of Tps 7, 8
+ 9 South, R 34 East and Tps 6, 7, 8+9 S
R. 35 East Willamette Meridian, Oregon,
as 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 U. S. Surveyor General of Oregon.

-, Compassman.
- Andy Beater....., Chainman.
- Jesse B. Stinchow....., Chainman.
-, Chainman.
-, Chainman.
- Henry Canaday....., Axeman.
- Calvin Wilson....., Axeman.
-, Flagman.

Subscribed and sworn to before me, this first day of
October
Herrman D. Gradon
U. S. Deputy Surveyor

[SEAL]

FINAL OATH OF DEPUTY SURVEYOR.

I, Herwan D. Gradon

United States Deputy Surveyor, do solemnly swear that in pursuance of

instructions received from James C. Dolman

U. S. Surveyor General for Oregon, bearing date of the 11th
day of March, 1884, I have well, faith-

fully and truly, in my own proper person, and in strict conformity with
the instructions furnished by the U. S. Surveyor General for Oregon, the
Surveying Manual, and the Laws of the United States, surveying all those

parts or portions of the exterior lines of Tps 7,
8+9 S R 34 E and Tps 6, 7, 8+9 S R 35 E

Willamette Meridian, in the State of Oregon, as are represented in the
foregoing Field Notes as having been surveyed by me and under my di-
rections; and I do further solemnly swear that all the corners of said sur-
vey have been established and perpetuated in strict accordance with the
Surveying Manual, Printed Instructions, the Special Written Instructions
of the U. S. Surveyor General for Oregon, and in the specific manner de-
scribed in the Field Notes, and that the foregoing are the *true* Field Notes
of such survey, and should any fraud be detected I will suffer the penalty
of perjury under the provisions of an Act of Congress approved August
8th, 1846.

Herwan D. Gradon
U. S. Deputy Surveyor.

Subscribed and sworn to before me, this first

day of October, 1884

R. J. Slater
Notary Public
for do

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OFFICE U. S. SURVEYOR GENERAL,

Portland, Oregon, Nov. 24 1884

The following Field Notes of the Survey of the

Anterior line of Tps 7-8
+ 9 S R 34 E & Tps 6-7. 8 & 9 E
N 35 E Will My Oregon
executed by Herman D Gradow

under his Contract No. 499, dated March
11th 1884, having been critically examined,

the necessary corrections and explanations made, the said
Field Notes and the survey they describe are hereby approved.

James C. Tolman
Surveyor General.