

FIELD NOTES.

On the survey of the *Subdivisional*
 Lines of *Township 7 South*
Range 34 East Willamette Meridian,
 Oregon, as surveyed by *Herman D Gracou*
 U. S. Deputy Surveyor, under his Contract No. *499*
 dated *March 11* 188*7*

Survey commenced *July 15* 188*4*
 Survey completed *" 26* 188*4*

NAMES AND DUTIES OF ASSISTANTS.

....., Compassman.
Andy Heater, Chainman.
Jesse B. Stinchow, Chainman.
, 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 *subdivisional* lines of *T 7 S*
R 34 E 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.] *A. D. Graden*

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 *subdivisional lines of*
T 7 S R 34 E Willamette Meridian, Oregon.

Henry Canaday, Axeman.
Calvin Wilson, Axeman.

Subscribed and sworn to before me, this *16*
day of *May* 188*4*
[SEAL.] *A. D. Graden*

Notary Public

INDEX.

Referring the Lines to the Pages of the Field Notes.

T. ----- R. ----- Will. Mer.

6	123	5	90	4	68	3	47	2	26	1
	121		120		89		67		46	
7	118	8	86	9	64	10	44	11	21	12
	116		115		85		63		42	
18	113	17	83	16	61	15	40	14	18	13
	110		109		81		59		39	
19	107	20	79	21	57	22	37	23	13	24
	104		103		78		56		35	
30	99	29	75	28	54	27	33	26	8	25
	97		96		74		53		31	
31	94	32	72	33	50	34	29	35	3	36

Meanders of ----- Page ----- to -----

Meanders of ----- Page ----- to -----

487

Subdivision of T. 7 S R. 34 E
Willamette Meridian, Oregon.

North on a random line
bet. secs. 1 & 2

Va 20 1/2° E

40.00 Det-temp. 1/4 sec. cor.

80.62 Intersect N. bdy. of town-
ship 10 lks. E. of the cor to
secs. 1, 2, 35 & 36 which is a
basalt stone 20x10x8 ins set
firmly in the ground, mark-
ed with 1 notch on E & 5
notches on N. edges; from
which

A pine 8 ins diam bears
N 13° E 40 lks. dist marked
76 SR 34 E S 36 B.T.

A pine 10 ins diam bears
S 76° E 214 lks. dist marked
77 SR 34 E S 1 B.T.

A pine 10 ins diam bears
S 45° N 39 lks. dist. marked
77 SR 34 E S 2 B.T.

438

Subdivisions of T. 7 S. R. 34 E

Willamette Meridian, Oregon.

	A pine 8 ins diam bears N 24° W 57 lbs. dist marked T 6 S R 34 E S 35 B. T.
S. H. E.	Thence Iron on a true line bet. sees 142 Va 20° E
4.50	Meadowcreek 30 lbs. wide runs N.
5.25	A trail, course S. W.
5.50	Foot of hill, course S. W. Ascend about 100 ft. to Top of hill, course S. W.
11.00	Thence over broken land
34.50	Top of hill, course N. descend
x 40.62	Get a basalt stone 13x11x5 ins 8 ins in the ground, for 1/4 sec cor. marked 1/4 on N. face; from which A pine 8 ins diam. bears S 80° E 87 lbs. dist marked 1/4 S. B. T.

Subdivisions of T. 7 S R. 34 E
 Willamette Meridian, Oregon.

- 47.50 Top of ridge, course N. about
 100 ft. above creek.
- 57.20 A trail, course N.
- 57.00 Meadow creek, 30 lbs wide
 flows S. N. about 150 ft. below
 ridge; ascend about 200 ft.
 to
- 79.92 The cor. to secs. 2, 3, 10 & 11
 Land mountainous 79.92
 Soil 2nd rate
 Densely covered with forests of
 pine, fir & tamarack 79.92 cho

North on a random line
 bet. secs. 2 & 3

Va. $19\frac{1}{2}^{\circ}$ E

- 40.00 Det-temp $\frac{1}{4}$ sec. cor.
- 80.56 Intersect - N. body of Twp 45
 lbs. E. of the cor. to secs 2 & 3

508

Subdivisions of T. 7 S R. 34 E
 Willamette Meridian, Oregon.

34 + 35 which is a basalt stone
 16 x 10 x 10 ins set firmly in ground
 marked with 2 notches
 on E + 4 notches on N. edges
 from which

A pine 30 ins diam. bears
 N. 79° E 156 lbs. dist. marked
 T. 6 S R 34 E S 35 B. T.

A pine 18 ins diam bears
 S. 79° E 126 lbs. dist. marked
 T. 7 S R 34 E S 2 B. T.

A pine 30 ins diam bears
 S. 63° N. 157 lbs. dist. marked
 T. 7 S R 34 E S 3 B. T.

A pine 36 ins diam. bears
 N. 68° N 189 lbs. dist. marked
 T. 6 S R 34 E S 34 B. T.

Thence run

S 19° E on a true line bet. secs.

2 + 3

Ua 19 3/4° E

Subdivisions of T. 7 S. R. 34 E.
 Willamette Meridian, Oregon.

- 45.00 Top of ridge, course S
 Descend about 400 ft. to
- 66.50 Spring branch 3 lks. wide
 runs S
- Ascend about 100 ft. to
- 80.22 The cor. to secs. 3, 4, 9 & 10
 Land mountainous 80.22 chs
 Soil 2nd rate
 Densely covered, with forests
 of pine, fir & tamarack 80.22 chs

North on a random
 line bet. secs. 3 & 4
 Va 20° E

- 40.00 Det-temp. 14 sec. cor.
- 80.28 Intersect N. ldy. of town-
 ship 35 lks E of the cor.
 to secs. 3, 4, 33 & 34 which
 is a pine 10 ins diam, which

Subdivision of T. 7 S R. 34 E
 Willamette Meridian, Oregon.

Imarked

T 6 S S 34 on NE

R 34 E S 3 on SE

T 7 S 4 on SW and

S 33 on N.W. faces, with
 3 notches on E & W edges
 from which -

A pine 6 ins diam bears
 N 42° E 30 lks. dist. marked

T 6 S R 34 E S 34 B. T.

A pine 6 ins diam bears

S 39° E 21 lks. dist. marked

T 7 S R 34 E S 3 B. T.

A spruce 18 ins diam bears

S 65° W 20 lks. dist. marked

T 7 S R 34 E S 4 B. T.

A spruce 15 ins diam bears

N 37° W. 29 lks. dist. marked

T 6 S R 34 E S 33 B. T.

Thence I run

on a true line bet. sec

3 & 4

S 15° E

550

Subdivisions of T. 7 S R. 34 E
Willamette Meridian, Oregon.

^{79.68} 79.68 The cor. to secs. 4, 5, 8 & 9.
Land mountainous 79.68chs.
Soil 3rd rate
Densely covered with forest
of pine, fir & tamarack 79.68chs.

North on a random
line bet. secs 4 & 5

Va 20° E

^{40.00} 40.00
^{80.00} 80.00
Intersect N. bdy. of towp.
51 lks. E of the Cor. to secs.
4, 5, 32 & 33. Which is a tam
arack & mis indian, which
I marked

T 6 S S 33 on N. E.

R 34 E S 4 on S E

77 S S 5 on S. N. and

S 32 on N. N. faces with

Subdivisions of T. 7 S R. 34 E
 Willamette Meridian, Oregon.

4 notches on E & 2 notches
 on N. edges: from which
 A tamarack 12 ins diam bears
 N 36° E 8 lbs. dist. marked
 T 6 S R 34 E S 33 B. T.

A tamarack 18 ins diam. bears
 S 6° E 18 lbs. dist. marked
 T 7 S R 34 E S 4 B. T.

A tamarack 10 ins diam. bears
 S 54° W 12 lbs. dist. marked
 T 7 S R 34 E S 5 B. T.

A fir 8 ins diam bears
 N. 18° W. 12 lbs. dist. marked
 T 6 S R 34 E S 32 B. T.

Thence I run

S 22° E on a true line bet. sec.

4 & 5

Vd 19° E

Descend along hillside
 through timber.

39.00

A creek 15 lbs. wide runs

Subdivisions of T. 7 S R. 34 E
 Willamette Meridian, Oregon.

North on a random line
 bet. sec. 5 & 6.

Va 20° E

40.00

Set temp. 1/4 sec. cor.

80.51

Intersect N. bdy of township
 60 lbs. E. of the cor. to sec. 5, 6
 31 & 32 which is a post 4
 ft. long 4 in square set
 firmly in the ground, mark
 ed with

T 6 S S 32 on N.E.

R 34 E S 5 on S E

T 7 S S 6 on S W. and

S 31 on N W faces, with
 5 notches on E. and 1 notch on
 W. edges; from which

A pine 6 in diam bears
 N. 38° E. 16 lbs. dist. marked

T 6 S R 34 E S 32 B.T.

A pine 8 in diam bears
 S 20° E 7 lbs dist marked

Subdivisions of T. 7 S R. 34 E
Willamette Meridian, Oregon.

T 7 S R 34 E S 5 B.T.

A pine 10 ins diam bears
S 31° N 8 lks. dist. marked

T 7 S R 34 E S 6 B.T.

A pine 6 ins diam. bears
N 45° N 8 lks. dist. marked

T 6 S R 34 E S 31 B.T.

Thence Iron

on a true line bet. sec.

34'E

546

Va. 19° E

Descend through timber
Set a post 3 ft. long 3 ins
square 24 ins in the ground
for 1/4 sec cor. marked 1/4 S. on
N. face; from which -

40.51
40.51

A fir 5 ins diam bears S 64° E
10 lks. dist. marked 1/4 S. B.T.

A fir 4 ins diam bears S 18° N
13 lks. dist. marked 1/4 S. B.T.

80.51
80.51

A point about 400 ft. below last

FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by Herman 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 Subdivisional lines of T 7 South, Range 34 E. Willamette Meridian, Oregon, showing the respective capacities in which they acted:

- , Compassman.
- Andy Heater -----, Chainman.
- Jesse B. Stinchour -----, Chainman.
- , Chainman.
- , Chainman.
- Henry Canaday -----, Axeman.
- Calvin Wilson -----, Axeman.
- , Flagman.

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted Herman D. Gradon, U. S. Deputy Surveyor, in surveying all those parts or portions of the subdivisional lines of Township 7 South, Range 34 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 Heater -----, Chainman.
- Jesse B. Stinchour -----, Chainman.
- , Chainman.
- , Chainman.
- Henry Canaday -----, Axeman.
- Calvin Wilson -----, Axeman.
- , Flagman.

Subscribed and sworn to before me, this 30 day of

August

1884

[SEAL]

Herman D. Gradon
U. S. Deputy Surveyor

FINAL OATH OF DEPUTY SURVEYOR.

591

I, Herman D. Gradon

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

instructions received from James C. Doluwan

U. S. Surveyor General for Oregon, bearing date of the 11
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 subdivisional lines of
Township 7 South, Range 34 East

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.

Herman D. Gradon
U. S. Deputy Surveyor.

Subscribed and sworn to before me, this first
day of September, 1884

D. P. Thompson
Notary Public
1884

592

OFFICE U. S. SURVEYOR GENERAL,

Portland, Oregon, *Nov. 24* 188*4*

The following Field Notes of the Survey of the

Subdivisional lines of
Township 7 South Range
34 East Will Mer Oregon

executed by *Herman D. Gradon*

under his Contract No. *499*, dated *March*

11th 188*4*, having been critically examined,

the necessary corrections and explanations made, the said

Field Notes and the survey they describe are hereby approved.

James K. Tolman
Surveyor General.