

FIELD NOTES

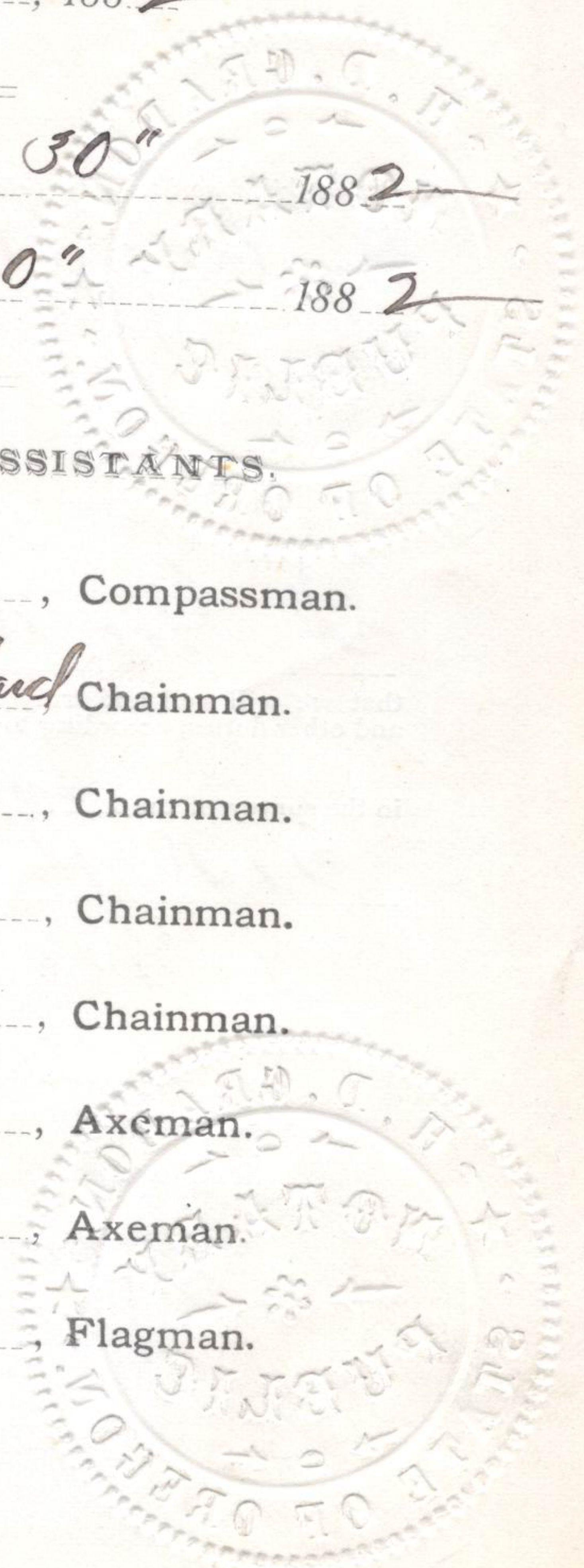
103

Of the survey of the Subdivisional  
 Lines of Township 1 North  
Range 37 East, Willamette Meridian,  
 Oregon, as surveyed by Arman D. Graden  
 U. S. Deputy Surveyor, under his Contract No. 452  
 dated June 16", 1882

Survey commenced, August 30" 1882  
 Survey completed, September 10" 1882

NAMES AND DUTIES OF ASSISTANTS.

- ....., Compassman.
- Abraham Blanchard Chainman.
- Henry King Chainman.
- ....., Chainman.
- ....., Chainman.
- Geo. W. Huitt Axeman.
- ....., Axeman.
- ....., Flagman.



PRELIMINARY OATHS OF ASSISTANTS:

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We, Abraham Blanchard and Henry King

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 Township 1 North  
Range 37 East Willamette Meridian, Oregon.

Abraham Blanchard, Chainman.

Henry King, Chainman.

, Chainman.

, Chainman.

Subscribed and sworn to before me, this twenty-ninth  
day of August 1882

[SEAL.]

H. D. G. raden  
Notary Public

We, Geo. W. Huitt and

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. N. R 37 E Willamette Meridian, Oregon.

Geo. W. Huitt, Axeman.

, Axeman.

Subscribed and sworn to before me, this twenty-ninth  
day of August 1882

[SEAL.]

H. D. G. raden  
Notary Public

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T. 1 N R. 34 E Will. Mer.

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Subdivisions of T. 1 N. R. 37 E.

Willamette Meridian, Oregon.

Land mountainous  
Soil 2<sup>nd</sup> rate  
Timber, scattering fir & pine with  
dense undergrowth of brush & oak

Meet

in a random line bet Sec's 30 & 31  
T. 21° E.

Descend

40,00

Get temporary 1/4 sec. cor.

43,50

Bottom of canon, about 700 ft. below sec. cor.  
a creek, 10 lks wide, runs N.W.

90,00

Top of ridge, about 1000 ft. above creek, course N.

103,24

Intersect N. boundary 64 lks S. of the  
Cor. to Sec's 30, 31, 25 & 36 which is a  
post 4 in square, marked

T. 1 N. S 30 on N.E.

R 37 E. S 31 on S.E.

R 36 E. S 36 on S.W. <sup>4</sup> lks

S 25 on N.W. faces, with 1 notch on S.

4<sup>th</sup> 5 notches on N. edges, from which

A pine 24 in diam. bears N. 50° W. 360 lks

Subdivisions of T. 1 N. R. 37 E. 175

Willamette Meridian, Oregon.

dist. marked  $\frac{1}{4}$  N. R. 36 E. S. 25. B. D.  
and a mound of stone around post  
Thence I run

S. 89° 39' E. on a true line bet Secs 30 + 31

6324 Set a for all stone 18 x 7 x 5 in 12 in in the  
ground. for  $\frac{1}{4}$  sec cr., marked  $\frac{1}{4}$  on N. face.  
from which

A pine 12 in diam. bears N. 35° W. 28 cks  
dist. marked  $\frac{1}{4}$  S. B. D.

A fir 7 in diam. bears S. 10° E. 22 cks  
dist. marked  $\frac{1}{4}$  S. B. D.

10324 The cr. to Secs 29, 30, 31 + 32

Land mountainous

Soil stony 3<sup>rd</sup> rate

Timber, scattering pine, fir and  
tamarack

Subdivisions of T. 1 N. R. 34 E  
Willamette Meridian, Oregon.

Met	on a random line bet. Secs 19 + 30 Va. $20\frac{1}{4}^{\circ}$ E.
7.50	Descend through timber Foot of hill, about 200 ft below cor., course S. N.
10.00	N. fork of Machau creek, 30 lks wide, runs S. N.
20.00	Foot of hill - Ascend
40.00	Set temporary $\frac{1}{4}$ sec. cor.
50.00	Top of ridge, about 1000 ft above creek, course S. E.
99.00	Bottom of canon about 1000 ft below ridge, course S. E.
103.64	Intersect N. boundary 44 lks S. of the cor. to Secs 19, 30, 24 + 25 which is 4 flat stones laid flat ways <sup>on each other</sup> 14 x 14 ins marked with a + on top and D, N. S 19 on N. E. R 34 E. S 30 on S. E. R 36 E. S 25 on S. N. and S 24 on N. N. angles of +, from which a pine 18 ins diam. bears S. 28 N. 48 lks

Subdivisions of T. 1 N. R. 37 E.

Willamette Meridian, Oregon.

dist., marked S. N. R 36 E S 25 - B. J.

Thence I run

S. 89° 47' E on a true line bet. Sec's 19 + 30

63.64 Set a basalt stone 18 x 10 x 4 ins 12 ins in  
the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on  
N. face, from which

A cherry 4 ins diam. bears N. 25° E. 20 lbs  
dist., marked  $\frac{1}{4}$  S. B. J.

A fir 20 ins diam. bears S. 10° N. 61 lbs  
dist., marked  $\frac{1}{4}$  S. B. J.

103.64 The cor. to Sec's 19, 20, 29 + 30

Sand mountainous

Soil sandy loam & stony 2<sup>nd</sup> + 3<sup>rd</sup> rates  
Timber, scattering pine, fir and  
tamarack

September 8<sup>th</sup> 1852

Subdivisions of T. 1 N. R. 37 E.  
Willamette Meridian, Oregon.

West

in a random line bet. Sec's 18 + 19  
Va. 20 1/4° E.

0.75 Descend about 75 ft. to  
Bottom of gulch, course S. E.

28.50 Ascend about 700 ft. to  
Top of ridge, course S. E.

40.00 Set temporary 1/4 sec. cor.

50.00 Bottom of canon, about 1000 ft. below ridge;  
a spring branch, 3 lks wide, runs S. E.

103.35 Intersect N. boundary 12 lks S. of the  
Cor. to Sec's 18, 19, 13 + 24 which is a  
post 4 ins square, marked  
S. N. S 18 on N. E.  
R 37 E. S 19 on S. E.  
R 36 E. S 24 on S. N. and  
S 13 on N. N. faces, with 3 notches  
on N. + S. edges, from which  
A pin 24 ins diam. bears N. 50° E. 119 lks  
dist., marked S. N. R 37 E. S 18. B. J.  
A pin 24 ins diam. bears N. 61° N. 80 lks  
dist., marked S. N. R 36 E. S 13. B. J.  
A pin 16 ins diam. bears S. 67° N. 62 lks



Subdivisions of T. 1 N. R. 34 E. S. 24. B. 2  
Willamette Meridian, Oregon.

185

dist. marked S. N. R 36 E. S 24. B. 2  
Thence I run

389° 56' E. on a true line bet Sec's 18 + 19

63,30' Set a basalt stone 14x14x8 in 9 in in  
the ground. for 1/4 sec. cor., marked 1/4  
on N. face, and raised a mound  
of stone alongside

10335' The cor. to Sec's 17, 18, 19 + 20

Land mountainous

Soil stony 3<sup>rd</sup> rate

Scattering fir, pine & hardwood timber

Dense undergrowth of buck brush

188  
Subdivisions of T. 1 N. R. 34 E.

Willamette Meridian, Oregon.

West

on a random line bet. Sec's 7 & 18

Va.  $20\frac{1}{2}^{\circ}$  E.

Ascend through brush & timber

40.00

Set temporary  $\frac{1}{4}$  sec. cor.

45.00

Top of ridge, course S.

68.50

Bottom of gulch, about 100 ft deep, course S.

94.50

Top of ridge, about 100 ft above gulch, course S.

103.50

Intersect N. boundary 45' S. of the cor. to Sec's 7, 18, 12 & 13 which is a stone  $24 \times 30$  ins, marked with a + on N. face and

I, N. S 7 on N. E.

R 37 E. S 18 on S. E.

R 36 E. S 13 on S. N. and

S 12 on the N. N. angles of + with 4 notches on S. and 2 notches on N. edges, from which

a pine 24 in diam. bears S.  $2^{\circ}$  N. 200' like dist. marked I, N. R 36 E. S 13. B. I.

Thence I run

S.  $89^{\circ} 45'$  E. on a true line bet. Sec's 7 & 18

63.50

Set a basalt stone  $18 \times 16 \times 10$  ins, 12 ins in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on

Subdivisions of T. 1 N. R. 34 E 193

Willamette Meridian, Oregon.

West

in a random line bet. Secs 6 & 7

Va. 190 E.

Through timber

40.00

Set temporary 1/4 sec. cor.

103.70

Intersect N. boundary 10 rods S. of the cor. to Secs 6, 7, 1 & 12 which is a post 4 in square, marked

T. N. S 6 on N. E.

R 34 E. S 7 on S. E.

R 36 E. S 12 on S. N. and

S 1 on N. N. face, with 1 notch on N. and 5 notches on S. edges, from which

A fir 12 in diam. brass S 41° N. 50 rods dist. marked T. N. R 36 E. S 12. B. D.

A fir 20 in diam. brass S. 57° E. 62 rods dist. marked T. N. R 34 E. S 7. B. D.

A fir 30 in diam. brass N. 38° E. 57 rods dist. marked T. N. R 34 E. S 6. B. D.

A fir 14 in diam. brass N 130° N. 52 rods dist. marked T. N. R 36 E. S 1. B. D.

Thence I run

S. 89° 57' E. on a true line bet. Secs 6 & 7

FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by Kuman  
H. G. Gradm, 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  
Ranges 37 East lines of Township 1 North  
 Willamette Meridian, Oregon,  
 showing the respective capacities in which they acted:

- Abraham Blanchard, Compassman.
- Henry King, Chainman.
- , Chainman.
- , Chainman.
- Geo. W. Huitt, Chainman.
- , Axeman.
- , Axeman.
- , Flagman.

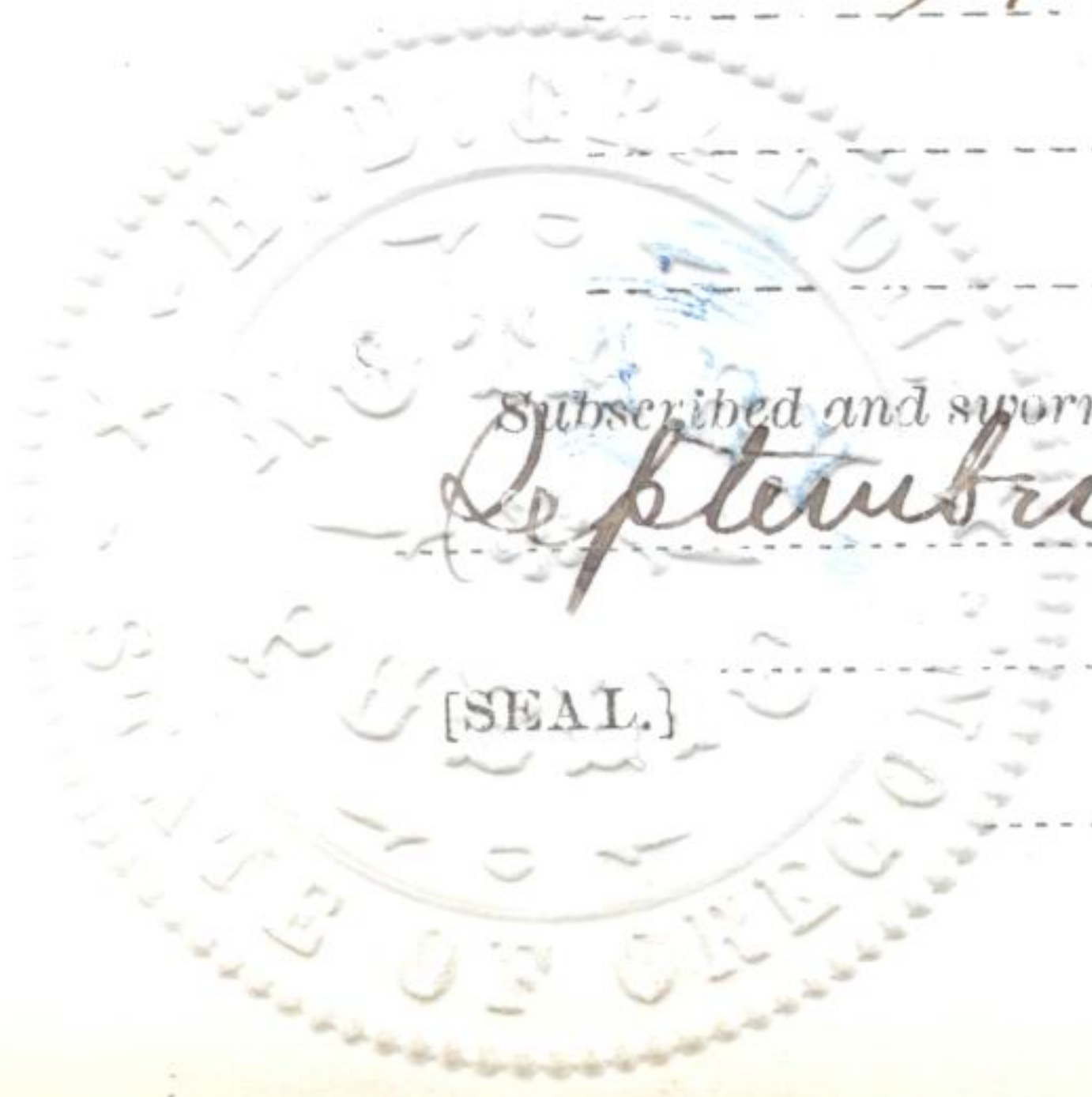
FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted Kuman D.  
Gradm, U. S. Deputy Surveyor, in surveying all  
 those parts or portions of the subdivisional lines  
North, Ranges 37 East of Township 1  
 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 es-  
 tablished, according to the instructions furnished by the U. S. Surveyor General of  
 Oregon.

- Abraham Blanchard, Compassman.
- Henry King, Chainman.
- , Chainman.
- , Chainman.
- Geo. W. Huitt, Chainman.
- , Axeman.
- , Axeman.
- , Flagman.

Subscribed and sworn to before me, this Eleventh day of

September 1888  
H. G. Gradm  
Notary Public



FINAL OATH OF DEPUTY SURVEYOR.

I, Herman D. Gradon

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

structions received from James C. Colman

U. S. Surveyor General for Oregon, bearing date of the 16<sup>th</sup>

day of June, 1882 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 subdivisional lines of S. 1, N. R 34 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 directions; and I do further solemnly swear that all the corners of said survey 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 described 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 8, 1846.

Herman D. Gradon  
U. S. Deputy Surveyor.

Subscribed and sworn to before me, this 22<sup>d</sup>

day of December 1882

Bamford Robb  
Notary Public

## Office U. S. Surveyor General,

Portland, Oregon, *March 31* 1883The ~~following~~ <sup>forgoing</sup> Field Notes of the Survey of the

*Subdivisional lines of Township 1 North  
Range 37 East Will. Mer. Oregon*

executed by *Herman D. Graden U.S. Dept Surv*

under his Contract No. *2452*, dated *June 16, 1882*

*1882*, 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.

