

FIELD NOTES

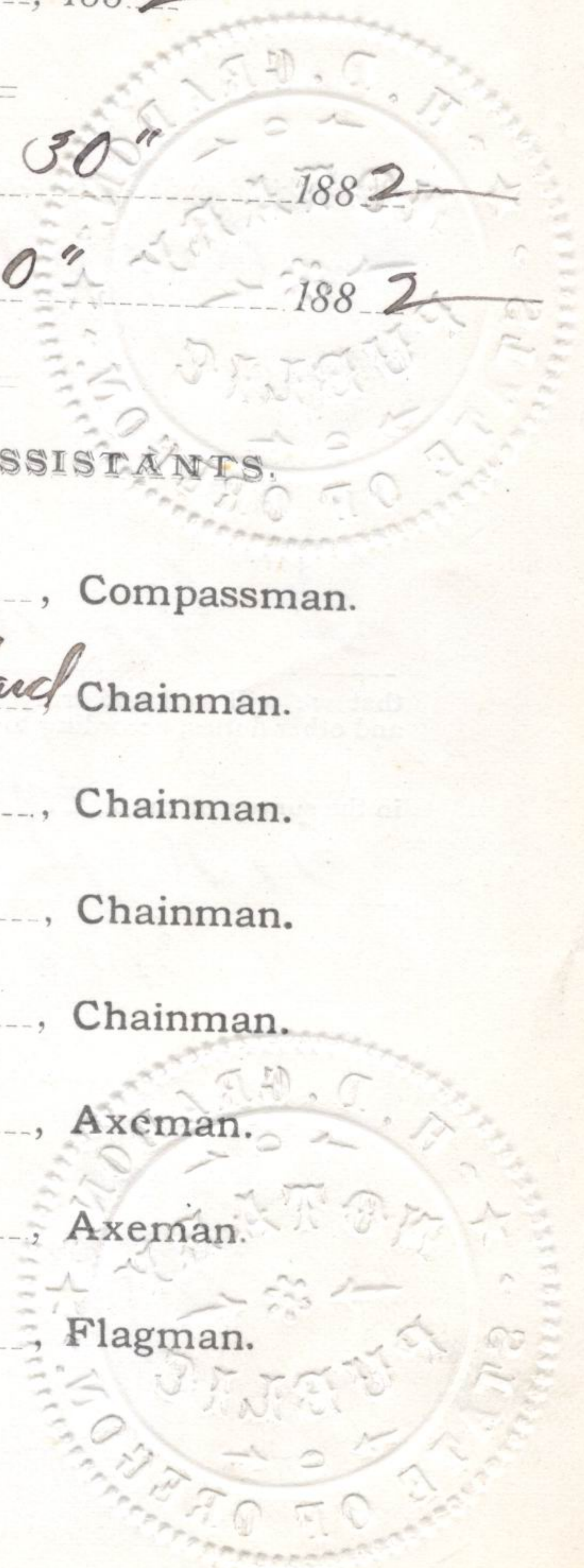
103

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

Willamette Meridian, Oregon.

of loc. 5 1/2 ft dist. and raised a mound
of earth 1 1/2 ft high, 3 1/2 ft base
along side

80,14

The loc. to Secs 1, 2, 11 + 12

Land mountainous

Soil. stony & granite

Timber. scattering pine fir, with
dense undergrowth of mountain laurel
& buck brush.

August 31st 1882

North

on a random line bet Sec's 1 + 2

to 20 3/4° E.

40,00

at temporary 1/4 sec. cor.

79,88

Intersect N. boundary 18 loc N. of
the loc. to Sec's 1, 2, 3 57 36 which is a
post 4 in square, marked

T 2 N. S 36 on N. E.

R 37 E. S 1 on S. E.

D 1 N. S 2 on S. N. and

S 35 on N. N. faces, with 1 notch on E. end

Subdivisions of T. 1 N. R. 34 E 27

Willamette Meridian, Oregon.

5 notches on N. edges. From which
A fir 28 ins diam. bears N. 46° E. 79 lbs
dist. marked \odot 2 N. R 34 E. S 36. B. \odot

A fir 14 ins diam. bears S. 34° E. 140 lbs dist.,
marked \odot 1 N. R 37 E. S 1. B. \odot

A pine 26 ins diam. bears S. 59° W. 98 lbs dist.,
marked \odot 1 N. R 37 E. S. 2. B. \odot

A pine 8 ins diam. bears N. 55° W. 80 lbs
dist., marked \odot 2 N. R 37 E. S 35. B. \odot

Thence I run

S. 0° 8' W. on a true line bet. Sec's 1 + 2

39.88 Set a basalt stone 12x12x6 ins, 8 ins in the
ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N.
face. and raised a mound of stone
along side

79.88 The Cor. to Sec's 1, 2, 11 + 12

Land, mountainous
Soil 2nd rate

Timber, scattering pine, fir and
tamarac with dense undergrowth
of brush

140
Subdivisions of T. 1 N. R. 37 E.
Willamette Meridian, Oregon.

Land mountainous
Soil. stony 3rd rate
Scattering pine, fir & tamarack
timber. Dense undergrowth of
mountain laurel

North on a random line bet. Secs 2 + 3
Va. 2 1/2° E.

25.00 A brook, 4 lbs wide, runs S.W.

40.00 Get temporary 1/4 sec. cor.

80.36 Intersect N. boundary 25 lbs E. of
the cor. to Secs 2, 3, 34 + 35 which is a
post 4 ins square, marked

§ 2 N. S 35 m N.E.

R 37 E. S 2 m S.E.

§ 1 N. S 3 m S.W. ^{marked}

§ 34 m N.W. face, with 2 notches on
E and 4 notches on N. edges, from which

A fir 26 in diam. bears S. 10° E. 136 lbs
dist., marked § 1 N. R 37 E. S 2. B. J.

A fir 12 in diam. bears N. 34° W. 70 lbs

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

Willamette Meridian, Oregon.

dist. marked T. 2 N. R. 37 E. S. 34. B. 2.

A fir 16 in diam. bears S. 36° W. 92 etc

dist. marked T. 1 N. R. 37 E. S. 3. B. 2.

and a mound of stone around post

Thence I run

S. 0°-11' E. on a true line bet Dees 2 + 3

40.36 Set a basalt stone 12 x 10 x 8 in 8 in in the ground. from 1/4 sec. on, marked 1/4 on N. face, and raised a mound of stone alongside

80.36 The line to Dees 2, 3, 10 + 11

Land mountainous
Soil stony 3rd rate
Timber scattering pine + fir
Dense undergrowth of mountain laurel

Subdivisions of T. 1 N. R. 37 E

Willamette Meridian, Oregon.

North on a random line bet. Secs 3 & 4
 Va. 21° E

Ascending

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

80.12 Intersect N. boundary 90 eds
 E. of the cor. to Secs 3, 4, 33 & 34
 which is a post 4 ins square, marked
 J 2 N. S. 34 on N. E.

R 37 E. S 3 on S. E.

J 1 N. S 4 on S. W. and

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

A fir 20 ins diam, bears S. 85° W. 295 eds
 dist., marked J 1 N. R 37 E. S 4. B. J.

and a mound of stone around post.

Thence I run

S. 02° 39' E. on a true line bet. Secs 3 & 4

40.12 Set a basalt stone $16 \times 10 \times 6$ ins 11 ins in
 the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on
 N. face, and raised a mound of
 stone along side

80.12 The cor. to Secs 3, 4, 9 & 10

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

Willamette Meridian, Oregon.

North on a random line bet. Secs 4 + 5
Va. $19\frac{1}{2}^{\circ}$ E.

Over mountainous land

40,00 Set temporary $\frac{1}{4}$ sec. cor.

80,10 Intersect N. boundary 152 rods E. of
the cor. to Secs 4, 5, 32 + 33 which is a
post 4 in square, marked

T 2 N. S 33 on N. E.

R 37 E. S 4 on S. E.

T 1 N. S 5 on S. W. and

S 32 on N. W. faces, with 4 notches on
E. and 2 notches on N. edges, from which
A fir 16 in diam. bears S. 39° N. 100 rods
dist. marked T 1 N. R 37 E. S 5. B. J.

A fir 24 in diam. bears N. 38° E. 130 rods
dist. marked T 2 N. R 37 E. S 33. B. J.

A fir 12 in diam. bears N. 20° N. 48 rods
dist. marked T 2 N. R 37 E. S 32. B. J.

and a mound of stone around post

Thence I run

S. 1° 5' E. on a true line bet. Secs 4 + 5

40,10 Set a post 3 ft. long, 3 in square, 24 in

Subdivisions of T. 1 N. R. 37 E. 195

Willamette Meridian, Oregon.

North on a random line bet Deer 5 & 6

No. 19° E

Through timber

15.00

Bottom of gulch, about 100 ft below
cor. course S. E.

24.00

Top of ridge, about 75 ft above
gulch, course E.

40.00

Set temporary 1/4 sec. cor.

68.00

Bottom of gulch, about 100 ft deep, course N. E.

80.76

Intersect N. boundary 211 like E. of the
cor. to Deer 5, 6, 31 + 32 which is a

post 4 in square, marked

T 2 N. S 32 on N. E.

R 37 E. S 5 on S. E.

T 2 S. S 6 on S. N. and

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

A fir 16 in diam bears S. 39° N. 100 lds
dist., marked T. N. R 37 E. S 6. B. 3

A fir 24 in diam bears N. 38° E. 130 lds
dist., marked T. N. R 37 E. S 32. B. 3

A fir 12 in diam bears N. 20° N. 48 lds

Subdivisions of T. 1 N. R. 36 E.

Willamette Meridian, Oregon,

dist. marked In R 37 E. S 31 - B 2
and mound of stone around post
Thence I run

S 10 30' E on a true line bet. Secs 5 + 6

40, 76 Set a post 3 ft long, 3 in square, 2 1/2 in
in the ground for 1/4 sec. cor. marked
1/4 S on N. face, from which

An alder 4 in diam bears S. 30° E 20 cks
dist. marked 1/4 S. B 2.

An alder 4 in diam bears S 40° N. 11 cks
dist. marked 1/4 S. B 2.

80, 76 The cor. to Secs 5, 6, 7 + 8

Land mountainous

Soil 2nd rate

Heavily timbered with pine, fir
tamarack - Dense undergrowth of
pine, fir, tamarack + alder

September 10th 1882

FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by Kuman
H. G. Gradin, 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
Range 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.

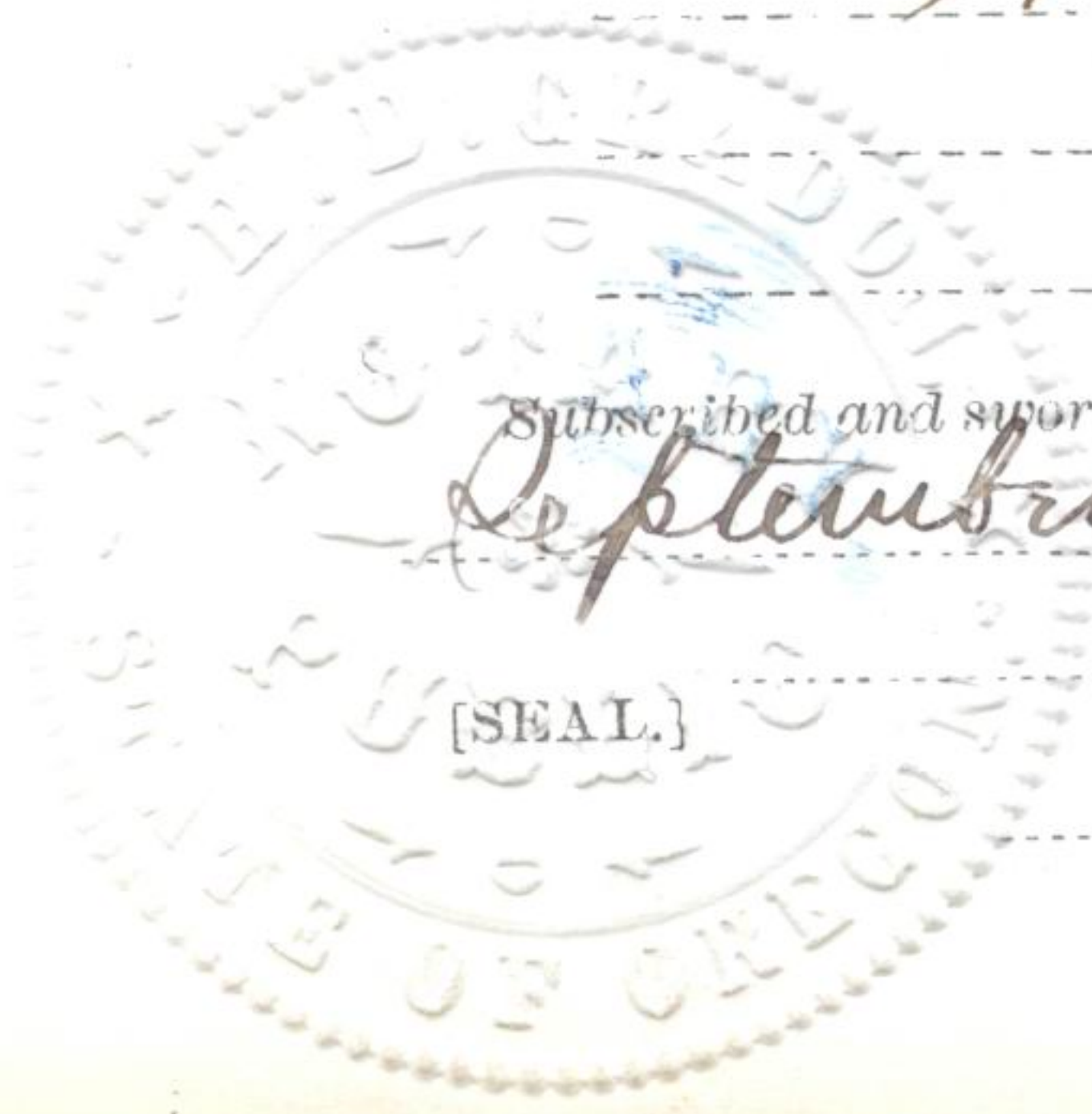
FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted Kuman D.
Gradin, U. S. Deputy Surveyor, in surveying all
 those parts or portions of the subdivisional lines
North, Range 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. Gradin
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 16th

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^d

day of December 1882

Bamford Robb
Notary Public

Office U. S. Surveyor General,

Portland, Oregon, *March 31* 1883The ~~following~~ ^{forgoing} 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 Sur

under his Contract No. *452*, 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.

