

FIELD NOTES

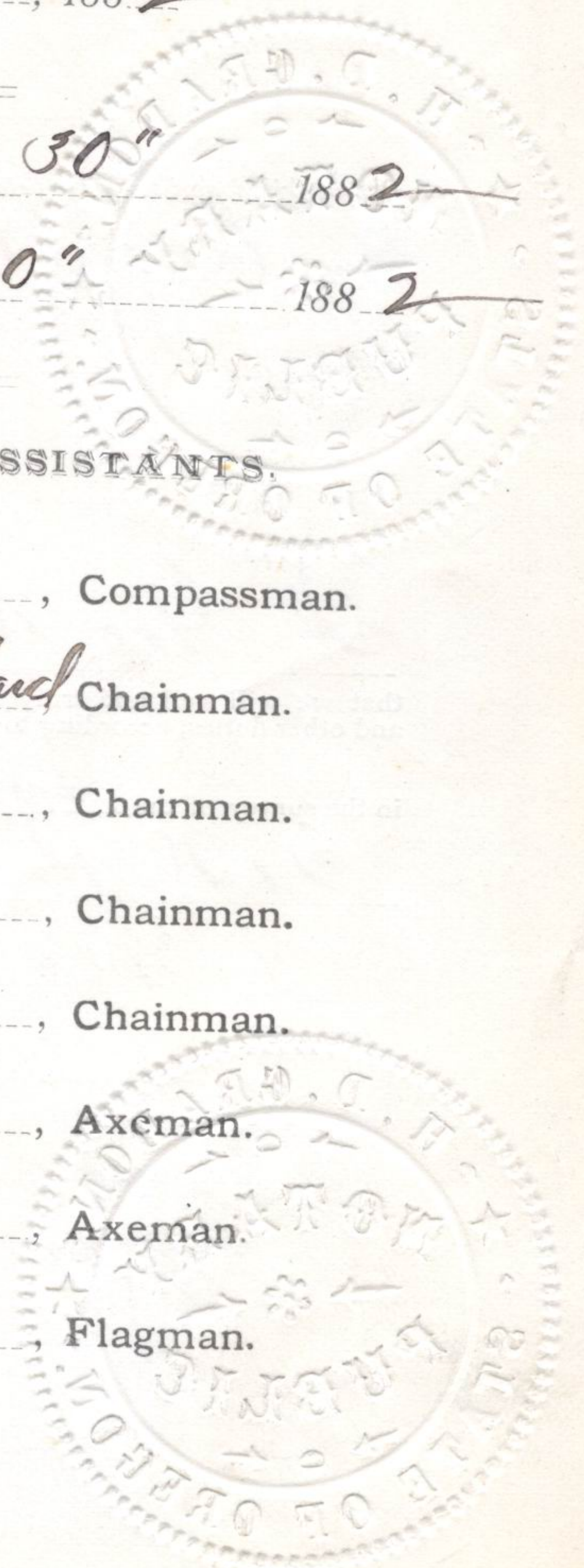
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Of the survey of the Subdivisional
 Lines of Township 1 North
Range 37 East, Willamette Meridian,
 Oregon, as surveyed by Arman D. Graden
 U. S. Deputy Surveyor, under his Contract No. 452
 dated June 16", 1882

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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Meanders of _____ Pages _____ to _____

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

I commence at the Cor. to Secs 35
+ 36 on the Base Line which is a
basalt stone 20x12x8 ins. marked B.L.
with 1 notch on E. and 5 notches on N.
edges, from which

A fir 6 ins diam. bears N. 7° E. 49 lks
dist. marked T. 1 N. R. 37 E. S. 36. B. 2

A fir 22 ins diam. bears S. 85° W. 21 lks
dist. marked T. 1 S. R. 37 E. S. 2. B. 2

A fir 24 ins diam. bears N. 45° W. 51 lks
dist. marked T. 1 N. R. 37 E. S. 55. B. 2

Thence I run

North bet Secs 35 + 36

Va. 14° E.

Ascend about 100 ft. to

14.00 Top of ridge, course N.

25.50 Bottom of gulch, about 150 ft. below ridge,
course N.

33.00 Top of ridge, about 150 ft. above gulch,
course N.

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

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Subdivisions of T. 1 N R. 37 E

Willamette Meridian, Oregon.

From the cor. to Secs 34 + 35 on the Base Line which is a post 4 ins square, marked

B.L. T. 1 N. R. 37 E. on N.

S 35 on E. end

S 34 on N. faces, with 2 notches on E. and 4 notches on N. faces, from which

A tamarack 11 ins diam. bears N. 30° E. 26 lbs dist., marked T. 1 N. R. 37 E. S 35 - B. C.

A tamarack 10 ins diam. bears S. 50° N. 17 lbs dist., marked T. 1 S. R. 37 E. S 3 - B. C.

A tamarack 6 ins diam. bears N. 65° W. 13 lbs dist., marked T. 1 N. R. 37 E. S 34 - B. C.

I run

North

bet. Secs 34 + 35 -

to 19 1/2° E -

Descend about 100 ft to

^{n. fork of}

Machaw creek, 10 lbs wide, runs N. W.

1250

Top of ridge, about 200 ft above creek, course N. W.

35.00

40.00

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

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

Willamette Meridian, Oregon.

I run the Cor. to Sec's 33 & 34 on the Base Line which is a post 4 in square, marked

B. L. S. 1 N. R. 37 E. on N.

S 34 on E. end

S 33 on N. face, with 3 notches on E. & N. faces, from which

A fir 30 in diam. bears N. 10° E. 19 lbs dist., marked S. 1 N. R. 37 E. S 34. B. J.

A fir 24 in diam. bears S. 15° E. 76 lbs dist., marked S. 1 S. R. 37 E. S 4. B. J.

A fir 18 in diam. bears N. 40° N. 10 lbs dist., marked S. 1 N. R. 37 E. S 33. B. J.

I run

North bet Sec's 33 & 34

W. 20 1/4° E.

Through timber

14.00 A brook, 4 lbs wide. runs N. N. W.

40.00 A baralt stone 14 x 10 x 4 in, 9 in in the ground, for 1/4 Sec. cor., marked 1/4 on N. face, from which

A fir 30 in diam. bears N. 85° E. 50 lbs

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

Willamette Meridian, Oregon.

Land mountainous
 Soil. stony 3rd rate
 Timber scattering pine, fir and
 tamarack, with dense undergrowth
 of mountain laurel

From the Cor. to Sec's 32 + 33 on
 the Base Line which is a post
 4 in square, marked
 B.L. T. N. R. 37 E. on N.
 S 33 on E. and
 S 32 on N. faces, with 4 notches
 on E and 2 notches on N. faces, from which
 A tamarack 15 in diam. bears N. 53° E. 15 lbs
 dist. marked T. N. R. 37 E. S 33. B. 2
 A fir 10 in diam. bears S. 14° N. 26 lbs
 dist. marked T. S. R. 37 E. S 5. B. 2
 A tamarack 14 in diam. bears N. 40° N. 26 lbs
 dist. marked T. N. R. 37 E. S 32. B. 2

From
 North
 bet. Sec's 32 + 33

Subdivisions of T. 1 N. R. 34 E

Willamette Meridian, Oregon.

I run the cor. to Sec's 31 & 32 on the Base Line, which is a post, 4 in square, marked

B.L. S. 1 N. R. 34 E. on N.

S 32 on E. and

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

A fir 10 in dia. bears N. 80° E. 50 lbs dist., marked S. 1 N. R. 34 E. S 32. B.L.

A pine 10 in dia. bears S. 50° E. 46 lbs dist., marked S. 1 S. R. 34 E. S 6. B.L.

A fir 7 in dia. bears N. 20° W. 72 lbs dist., marked S. 1 N. R. 34 E. S 31. B.L.

I run

North bet Sec's 31 & 32

Va. 20 1/2° E

Through timber

1.00 Dry bed of creek, 25 lbs wide, runs N.W.

5.00 Ascend hill about 200 ft to

29.00 Top of ridge, course N.W.

34.50 Bottom of gulch, about 200 ft below ridge; a creek, 6 lbs wide, runs N.W.

FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by Suman
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.

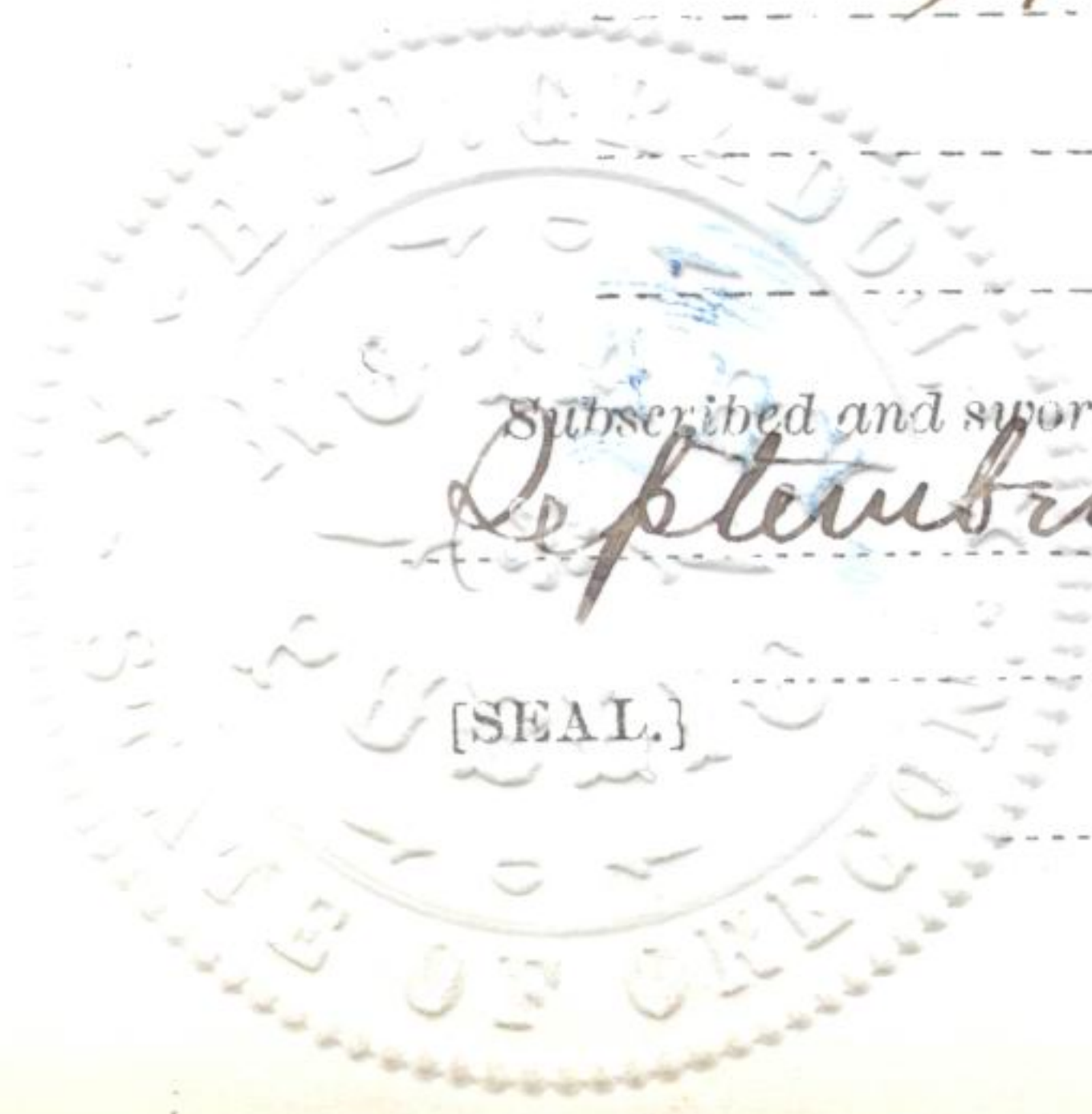
FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted Suman 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 fore-
going 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 pro-
visions 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. *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.

