

FIELD NOTES

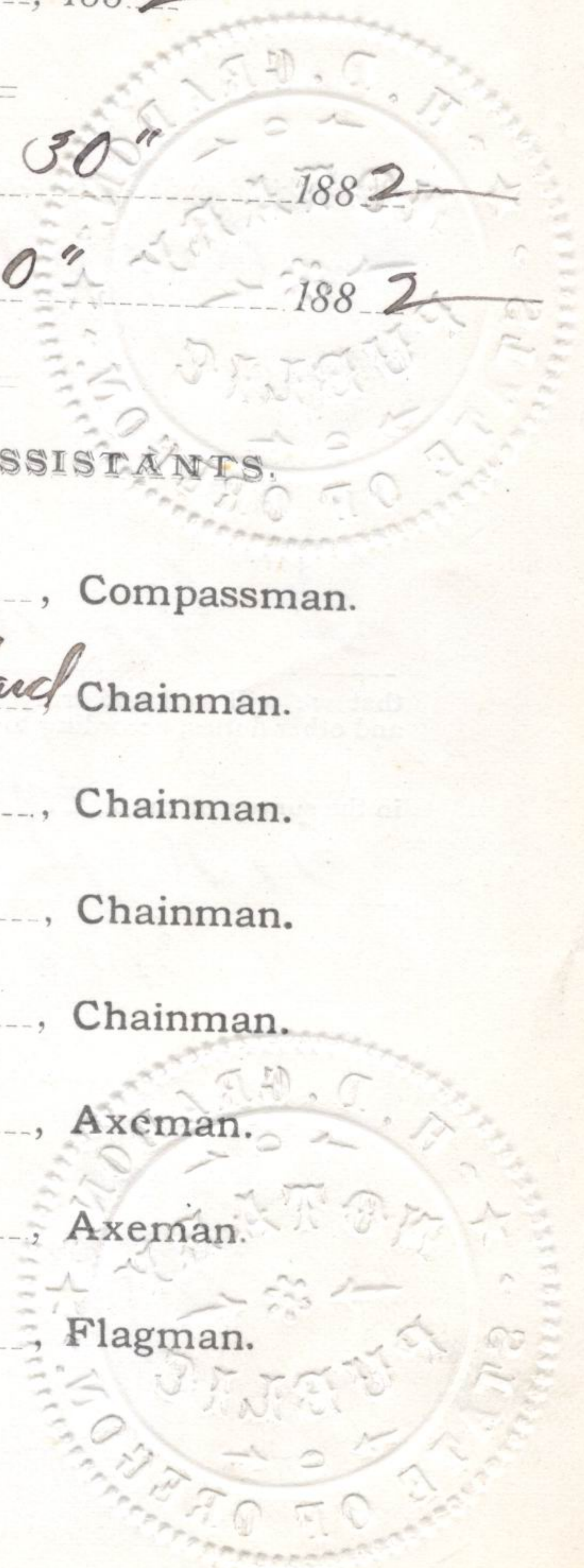
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Of the survey of the Subdivisional  
Lines of Township 1 North  
Range 37 East, Willamette Meridian,  
Oregon, as surveyed by Arman D. Graden  
U. S. Deputy Surveyor, under his Contract No. 452  
dated June 16", 1882

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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Referring the Lines to the Pages of the Field Notes.

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

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Meanders of \_\_\_\_\_ Pages \_\_\_\_\_ to \_\_\_\_\_



Preliminary to subdividing this township I ran North on a blazed line on the East boundary of Sec. 36 and at 40.06 chs I found the  $\frac{1}{4}$  sec. cor. and at 80.08 chs I found the sec. cor., as I have just re-run the S. boundary of Sec 36. I do not believe same.

My compass will therefore run the same line as the exterior boundaries and the chaining practically agrees—  
Survey commenced Aug. 30<sup>th</sup> 1882  
with a Burt's improved Solar  
Compass



Subdivisions of T. 1 N. R. 38 E

Willamette Meridian, Oregon.

East

was a random line bet. Sec's 25 & 36

begin Va,  $18\frac{1}{4}^{\circ}$  E

Ascend about 300 ft. to

2250 Top of ridge. course S.

Descend about 100 ft. to

3750 a brook, 4' wide, runs S.

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

79.88 Intersect E. boundary 36 cor N. of the  
Cor. to Sec's 25, 36, 30 & 31 which is a post

+ in square, marked

D, N. S. 30 on N.E.

R 38 E. S 31 on S.E.

R 37 E. S 36 on S.W. end

S 25 on N.W. faces, with 1 notch on S.  
and 5 notches on N. edges, from which

A fir 30 in diam. bears N.  $56^{\circ}$  E. 130 cor  
dist., marked D, N. R 38 E. S 30. B. J.

A fir 30 in diam. bears S.  $82^{\circ}$  E. 104 cor  
dist., marked D, N. R 38 E. S 31. B. J.

with mound of stones alongside

Thence I run

N.  $89^{\circ} 45'$  W. a true line bet. Sec's 25 & 36



Subdivisions of T. 1 N. R. 37 E

Willamette Meridian, Oregon.

East

in a random line bet Sec's 13 + 24

Va.  $20^{\circ}$  E.

Over mountainous land through  
scattered timber

40,000 Per temporary  $\frac{1}{4}$  sec. cor.

8036 Intersect E. boundary 60 rods N. of  
the cor. to Sec's 13, 24, 18 + 19 which is a  
tamarack 5 ins in diam, marked

T. 1 N. S. 18 on N. E.

R. 38 E. S. 19 on S. E.

R. 37 E. S. 24 on S. W. and

S. 23 on N. W. faces, with 3 notches on  
N. S. edges, from which

A tamarack 6 ins diam bears S.  $73^{\circ}$  E. 22  
rods dist., marked T. 1 N. R. 37 E. S. 19. B. I.

A tamarack 7 ins diam bears N.  $58^{\circ}$  E. 20  
rods dist., marked T. 1 N. R. 37 E. S. 18. B. I.

A tamarack 8 ins diam bears N.  $53^{\circ}$  W. 22  
rods dist., marked T. 1 N. R. 37 E. S. 13. B. I.

A tamarack 8 ins diam bears S.  $39^{\circ}$  W. 30 rods  
dist., marked T. 1 N. R. 37 E. S. 24. B. I.

Thence from



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

N. 89° 34' W. - on a line bet Secs 13 & 24

40,18 Set a basalt stone 17x10x5 ins 11 ins in the ground for 1/4 sec. - marked 1/4 on N. face and raised a mound of stone alongside

80,36 The cor. to Sec's 13, 14, 23 & 24

Land mountainous, soil 3<sup>rd</sup> class  
Timber scattering pine, fir and tamarack, with dense undergrowth of mountain laurel

North bet Sec's 13 & 14

N. 20° E.

Through timber & brush.

40,00 Set a basalt stone 16x12x10 ins, 11 ins in the ground for 1/4 sec. - marked 1/4 on N. face and raised a mound of stone alongside

80,00 Set a basalt stone 18x14x7 ins 12 ins in the ground. for cor. to Sec's 11, 12, 13 & 14, marked with 4 notches on S. and 2 notches on E. edges, and raised a mound of



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

Willamette Meridian, Oregon.

Stone along side

Land mountainous  
Soil. Dry 3<sup>rd</sup> rate  
Timber scattering pine, fir and  
tamarack, with dense undergrowth  
of mountain laurel

East

in a random line bet Secs 12 + 13

Pa.  $20\frac{3}{4}^{\circ}$  E

Through brush timber

40.00

Set temporary 1/4 sec cor

79.82

Intersect E. boundary 31 cds N. of  
the cor to Secs 12, 13, 17 + 18, which is  
a post, 4 in square, marked

S. N. S 7 on N. E.

R 38 E. S 18 on S. E.

R 37 E. S 13 on S. N. and

S. 12 on N. N. faces, with 4 notches on  
S, and 2 notches on N. edges, from which  
a fir 2 1/2 in diam bears N. 18° E. 20 cds



Subdivisions of T. 1 N. R. 37 E. 23

Willamette Meridian, Oregon.

dist. marked T. N. R 38 E. S. 7. B. 2

A fir 6 in diam. bears S 70° E. 18 in

dist. marked T. N. R 38 E. S. 18. B. 2

A fir 7 in diam bears S. 53° W. 9 in

dist. marked T. N. R 37 E. S. 13. B. 2

A fir 7 in diam bears N. 69° W. 27 in

dist. marked T. N. R 37 E. S. 12. B. 2

Thence I run

N. 89° 47' E. on a true line bet Secs 12 + 13

39,91 Set a bar alt stone 16 x 12 x 4 in 11 in in the ground, for 1/4 sec ev., marked 1/4 on N. face, and raised a mound of stone alongside

49,82 The line to Secs 12, 13, 7 + 18

Level mountainous, soil 2<sup>nd</sup> rate  
Timber scattering pine, fir and  
larches, with dense undergrowth  
of mountain laurel



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

Willamette Meridian, Oregon.

North bet- Sec's 11 + 12

Va  $20\frac{3}{4}^{\circ}$  E

Through brush + timber

40.00 Set a basalt stone  $17 \times 10 \times 6$  ins, 11 ins in the ground, for  $\frac{1}{4}$  corner, marked  $\frac{1}{4}$  on N. face + raised a mound of stone alongside

80.00 Set a basalt stone  $16 \times 11 \times 7$  ins, 11 ins in the ground. For Cor. to Sec's 1, 2, 11 + 12, marked with 5 notches on S + 1 notch on E-edges, dug pits  $18 \times 18 \times 12$  ins in each sec.  $5\frac{1}{2}$  ft. dia. and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base alongside

Land mountainous

Soil, stony &  $\frac{1}{2}$  sat

Timber, scattering pine fir + tamaracs with dense undergrowth of mountain laurel



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

Willamette Meridian, Oregon.

East

in a random line bet Sec's 1 + 12

$\text{Va } 20\frac{3}{4}^{\circ} \text{ E}$

Over mountainous land

40,00

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

80,14

Intersect E. boundary 20 W. S. of the  
C. to Sec's 1, 12, 6 + 7 which is a post  
4 in square, marked

T, N. S. on W. E.

R 38 E. S. 7 on S. E.

R 37 E. S. 2 on S. N. and

S. in N. N. face, with 5 notches on S.  
+ 1 notch on N. edge, from which

A fir 10 in diam brass S.  $10^{\circ}$  E. 98 W. dist  
marked T, N. R 38 E. S. 7 - B. D.

A pine 36 in diam brass N.  $27^{\circ}$  E. 144 W.  
dist. marked T, N. R 38 E. S. 6 - B. D.

and a mound of stone along side  
Thence from

S.  $89^{\circ} 51' \text{ N}$  in a true line bet Sec's 1 + 12

40,07

Set a basal stone  $12 \times 10 \times 10$  ins. 8 ins in  
the ground for  $\frac{1}{4}$  sec. corner, marked  $\frac{1}{4}$  on  
N. face, dug pits  $18 \times 18 \times 12$  ins E. + N.



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  
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

*16<sup>th</sup>*

day of

*June*, 188~~1~~<sup>2</sup> 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*188<sup>2</sup>

*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 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.

