

FIELD NOTES

Exterior

Of the survey of the

Lines of Townships 1 + 2 North

Range 36 East, Willamette Meridian,

Oregon, as surveyed by Herman D. Jordan

U. S. Deputy Surveyor, under his Contract No. 452

dated June 16<sup>th</sup>, 1882

Survey commenced, September 11<sup>th</sup>, 1882

Survey completed, " 25<sup>th</sup>, 1882

NAMES AND DUTIES OF ASSISTANTS.

Abraham Blanchard, Compassman.

Henry King, Chainman.

Chainman.

Chainman.

Chainman.

Geo. W. Smith, Axeman.

Axeman.

Flagman.

PRELIMINARY OATHS OF ASSISTANTS:

1352  
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 Exterior lines of Township 12 North Range 36 East Willamette Meridian, Oregon.

Abraham Blanchard, Chainman.

Henry King, Chainman.

, Chainman.

, Chainman.

Subscribed and sworn to before me, this Eleventh day of September 1882

[SEAL.]

H. D. Goaden Notary Public

I 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 Exterior lines of Twp 12 N. R 36 E Willamette Meridian, Oregon.

Geo. W. Huitt, Axeman.

, Axeman.

Subscribed and sworn to before me, this Eleventh day of September 1882

[SEAL.]

H. D. Goaden Notary Public

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Referring the Lines to the Pages of the field Notes.

T. *2 N* R. *36 E* Will. Mer.

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

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Willamette Meridian, Oregon.

Survey commenced September 11<sup>th</sup> 1882  
with a Burt's improved Solar compass

From the cor. to Tps 1+2 N. R's 35  
+ 36 E. I run East on a random  
line, between said townships, the  
variation of my compass being  $20^{\circ}$  E.  
I set temporary half mile and mile  
corners at each 40 + 80 chs and I  
find the township line to be  
6 miles 11 chs and 15 lks long and the  
falling to be 293 lks N. of the cor.  
to Tps 1+2 N. R's 36+37 E. The  
correction for the true line will  
therefore be 49 lks S. and 11.15 chs  
West per mile, and its course  
will be  $N 89^{\circ} 39' W$ .

From the cor. to Tps 1+2 N. R's  
36+37 East, which is a post 4 in  
square, marked

Exteriors

of T. 1 N. R. 36 E.

Willamette Meridian, Oregon.

32 N. S 31 on N. E.

R 37 E. S 6 on S. E.

31 N. S 1 on S. N. and

R 36 E. S 36 on N. W. faces, with 6 notches on each edge, from which

A fir 18 ins diam. bears N. 32° E. 18 lks dist. marked 32 N. R 37 E. S 31 - B. J.

A fir 12 ins diam. bears N 43° W. 75 lks dist. marked 32 N. R 36 E. S 36. B. J.

A fir 20 ins diam. bears S. 57° W. 47 lks dist. marked 31 N. R 36 E. S 1. B. J.

A fir 20 ins diam. bears S. 18° E. 23 lks dist. marked 31 N. R 37 E. S 6. B. J.

I run

N. 89° 39' W. in a true line bet. Sec's 1 + 36

Va. 20 1/2° E.

Through timber

12.00

A spring branch. 3 lks wide. runs N. W. about 100 ft. below cor.

18.00

Same branch, runs E. W.

20.00

Leaves heavy timber, course N. E.

Exteriors of T. 2 N. R. 36 E.

Willamette Meridian, Oregon.

I commence at the  $\frac{1}{4}$  sec. cor. bet  
Sec's 25 + 30, T 2 N. R's 36 + 34 E.  
which is post 3 in square marked  
 $\frac{1}{4}$  S. on E + N. faces, with mound  
of stone around post,  
Down

North

bet Sec's 25 + 30

To 20° E.

40.00

Descend about 100 ft. to  
Set a basalt stone 20 x 12 x 10 in 15  
in in the ground, for cor. to Sec's 24, 25,  
19 + 30, marked with 2 notches on S. and  
4 notches on N. edges. from which  
A fir 6 in diam. bears N. 40° E. 11 1/2  
dist., marked T 2 N. R 37 E. S 19. B. D.  
A fir 4 in diam bears N. 60° W. 31 1/2  
dist. - marked T 2 N. R 36 E. S 24. B. D.  
no other trees within limits and raised a  
mound of stone along side  
Sand mountainous, Soil stony 3<sup>rd</sup> rate  
Timber, fir + tamarack x  
Base undergrowth of young fir + tamarack

Extensions of T. 2 N. R. 36 E. 375

Willamette Meridian, Oregon.

North bet. Decr 1924

Var.  $71\frac{1}{2}^{\circ}$  E.

Descend through brush

11,50 Bottom of canon, about 250 ft. below cor;  
a creek, 6 lbs wide, runs N.W.

40.00 Get a basalt stone  $17 \times 7 \times 6$  in, 11 in in the  
ground. for  $\frac{1}{4}$  sec em. marked near N.  
face, and raised a mound of stone  
alongside

80.00 Get a basalt stone  $18 \times 9 \times 6$  in  $12$  in in  
the ground. for cor. to Decr 13, 24, 18 & 19  
marked with 3 notches on N & S. edges  
from which

A fir 8 in diam. bear N.  $60^{\circ}$  E. 21 lbs  
dist., marked  $\text{S} 2 \text{ N. R. } 36 \text{ E. S. } 18. \text{ B. D.}$

A pine 16 in diam. bear S  $10^{\circ}$  N. 40 lbs  
dist., marked  $\text{S} 2 \text{ N. R. } 36 \text{ E. S. } 24. \text{ B. D.}$

A fir 12 in diam. bear N.  $30^{\circ}$  N. 21 lbs  
dist., marked  $\text{S} 2 \text{ N. R. } 36 \text{ E. S. } 13. \text{ B. D.}$

no other tree within limits and  
raised a mound of stone alongside

Exteriors of T. 2 N. R. 86 E

Willamette Meridian, Oregon.

Land mountainous  
 Soil stony 3<sup>rd</sup> rate  
 Timber scattering pine, fir and  
 tamarack  
 Dense undergrowth of pine, fir, tamarack  
 & buck brush

September 25<sup>th</sup> 1882

This line from here runs along side of  
 and crosses a deep rocky canon, almost  
 impassable and unmeasurable. I therefore  
 discontinue the line at this point.

### General Description

The townships on both sides of  
 this line are, rough mountainous.  
 They contain considerable good  
 fir, tamarack pine timber and are  
 well watered.

Herman D. Gradin

U.S. Deputy Surveyor



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FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by Heuman D. Gaden, 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 exterior lines of Tps 1 + 2 N. R. 36 E. Willamette Meridian, Oregon, showing the respective capacities in which they acted :

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

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted Heuman D. Gaden, U. S. Deputy Surveyor, in surveying all those parts or portions of the exterior lines of Tps 1 + 2 N. R. 36 E. 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.
- Abraham Blanchard, Chainman.
- Henry King, Chainman.
- ....., Chainman.
- ....., Chainman.
- Geo. W. Huitt, Axeman.
- ....., Axeman.
- ....., Flagman.

Subscribed and sworn to before me, this second day of October 1882

[SEAL.] H. D. Gaden  
Notary Public

## FINAL OATH OF DEPUTY SURVEYOR.

I,

*Herman D. Graden*

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

structions received from

*James C. Dolman*

U. S. Surveyor General for Oregon, bearing date of the

*16'*

day of

*June*

, 188

*2*

I have well, faithfully 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

*exterior lines of*  
*Sp. 1 + 2 N. R. 36 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. Graden*  
U. S. Deputy Surveyor.

Subscribed and sworn to before me, this

*22<sup>d</sup>*

day of

*December*

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*2**Bamford Robb**Notary Public*

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Office U. S. Surveyor General,

Portland, Oregon, March 31, 1883

The following Field Notes of the Survey of the

Extensions of Twp 1 and 2 North  
Range 36 East, Will. Mer.,  
Oregon

executed by

Herman D. Graden

under his Contract No. 452, dated

June 16<sup>th</sup>

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.