

## FIELD NOTES

Of the <sup>re-</sup>survey of the Base Line  
 Lines of through Ranges 36 + 37 East

....., Willamette Meridian,  
 Oregon, as surveyed by Harman D. Gradin  
 U. S. Deputy Surveyor, under his Contract No. 452

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

Survey commenced, August 29<sup>th</sup>, 1882

Survey completed, September 12<sup>th</sup>, 1882

NAMES AND DUTIES OF ASSISTANTS.

....., Compassman.  
Abraham Blanchard, Chainman.  
Henry King, Chainman.  
Albert Campbell, Chainman.  
Henry Pinto, Chainman.  
Geo. H. Huitt, Axeman.  
 ....., Axeman.  
 ....., Flagman.



316 PRELIMINARY OATHS OF ASSISTANTS:

We, Abraham Blanchard, Henry King,  
Albert Campbell and Henry Pinto

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 Base Line through  
Ranges 36 and 37 East

Willamette Meridian, Oregon.

Abraham Blanchard, Chainman.

Henry King, Chainman.

Albert Campbell, Chainman.

Henry Pinto, Chainman.

Subscribed and sworn to before me, this

twenty-ninth

day of

August

1882

[SEAL.]

H. D. Gradon  
Notary Public

We, J. 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 Base Line through  
Ranges 36 + 37 East

Willamette Meridian, Oregon.

J. Geo. W. Huitt, Axeman.

Axeman.

Subscribed and sworn to before me, this

twenty-ninth

day of

August

1882

[SEAL.]

H. D. Gradon  
Notary Public



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Resurvey of the Base Line Through Range 36 East  
of T. \_\_\_\_\_ R. \_\_\_\_\_  
Willamette Meridian, Oregon.

West

on Base Line on S. boundary of Rec. 31  
Va. 210 E

11 50 Ascend about 200 ft to  
Top of hill, course N + E

40.00 Put a basalt stone 16 x 12 x 4 in. 11 in in  
the ground. for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on  
N. face, from which

A fir 12 in diam. bears N. 50° W. 23 cks  
dist., marked  $\frac{1}{4}$  S. B. J.

A pine 6 in diam. bears S. 10° E. 30 cks  
dist., marked  $\frac{1}{4}$  S. B. J.

The old  $\frac{1}{4}$  sec. cor. a post with 2 bear-  
ing trees, bears N. 115° the dist. I destroy  
the post and obliterate the marks on bearing  
trees

9050 The cor. to Tps 1 N. R's 35 + 36 E  
which is a post 4 in square, marked  
S 31 J, N. R 36 E on N. E  
S 36 J, N. R 35 E on N. W. faces, with  
6 notches on N. E + W. edges, from which  
A spruce 8 in diam. bears N. 60° E. 31 cks  
dist., marked S, N. R 36 E. S 31. B. J.



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Resurvey of the Base Line through Range 36 East

of T.

R.

Willamette Meridian, Oregon.

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A pine 14 in diam. base N. 150 N. 37 cor  
dist. marked J. N. R. 35 E. S. 36 - B. J.

A pine 12 in diam. base S 50 N. 32 cor  
dist. marked J. N. R. 35 E. S. 1 - B. J.

Land mountainous

Soil - 2 us oaks

Heavily timbered with pine, fir and  
tamarack

September 12<sup>th</sup> 1882

— General Description —

This line runs across an exceed-  
-ingly rough mountainous country.  
The townships on each side are  
rough & broken, but contain a large  
amount of fir pine & tamarack timber  
of fair quality

Hiram D. Gradow

U. S. Deputy Surveyor



FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by Arman D. 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 Base Line through Ranges 36 + 37 lines of East Willamette Meridian, Oregon, showing the respective capacities in which they acted :

- Abraham Blanchard, Compassman.
- Henry King, Chainman.
- Albert Campbell, Chainman.
- Henry Pinto, Chainman.
- Geo. W. Huitt, Axeman.
- \_\_\_\_\_, Axeman.
- \_\_\_\_\_, Flagman.

FINAL OATHS OF ASSISTANTS

We hereby certify that we assisted Arman D. Gradin, U. S. Deputy Surveyor, in surveying all those parts or portions of the resurvey of the Base Line through Ranges 36 + 37 East

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.
- Albert Campbell, Chainman.
- Henry Pinto, Chainman.
- Geo. W. Huitt, Axeman.
- \_\_\_\_\_, Axeman.
- \_\_\_\_\_, Flagman.

Subscribed and sworn to before me, this twenty fourth day of September

[SEAL.]

Arman D. Gradin  
Notary Public



FINAL OATH OF DEPUTY SURVEYOR.

I, Heruan D. Gradin

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

structions received from James C. Tolman

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 Base Line  
through Ranges 36 + 37 East

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.

Heruan D. Gradin  
U. S. Deputy Surveyor.

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

day of December 1882

Bamford Robt  
Notary Public



**Office U. S. Surveyor General,**Portland, Oregon, *March 31,* 188*3*

The following Field Notes of the Survey of the resurvey  
of the Base Line through Ranges  
36 and 37 E., Will. Meridian,  
Oregon

executed by *Herman D. Gradon*

under his Contract No. *457*, dated *June*  
*16<sup>th</sup>* 188*2*, 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.

