

# FIELD NOTES

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Of the survey of the Exterior

Lines of T. 3. S. R. 35. E., T. 2. S. R. 35. E., T. 1. S. R. 35. E.

T. 1. S. R. 34. E., T. 1. S. R. 37. E., T. 1. N. R. 38. E., Willamette Meridian,

Oregon, as surveyed by Jacob C

Cooper, U. S. Deputy Surveyor,

under his Contract No. 397, dated

July 1, 1881

Survey commenced, Aug 22 1881

Survey completed, Sept 27 1881

## NAMES AND DUTIES OF ASSISTANTS.

....., Compassman.

W J Slater....., Chainman.

Jeff D Henton....., Chainman.

R. D. Cooper....., Chainman.

Chas W Ladd....., Chainman.

C D Goodrough....., Axeman.

R. M. Morgan....., Axeman.

....., Flagman.

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PRELIMINARY OATHS OF ASSISTANTS:

We, Riley D. Cooper and  
Charles W. Ladd

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 T. 1. S. R. 37. E. and

T. 1. N. R. 37. T. 38. E. Willamette Meridian, Oregon.

R. D. Cooper, Chainman.

Charles W. Ladd, Chainman.

\_\_\_\_\_, Chainman.

\_\_\_\_\_, Chainman.

Subscribed and sworn to before me, this seventh

day of September 1881

[SEAL.]

Jacob C. Cooper  
U.S. Dep Surveyor

We, Chas D. Goodnough and

Rufus M. Morgan, 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 T. 1. S. R. 37. E.

and T. 1. N. R. 37. T. 38. E. Willamette Meridian Oregon.

Chas D Goodnough, Axeman.

Rufus Morgan, Axeman.

Subscribed and sworn to before me, this seventh

day of September 1881

[SEAL.]

Jacob C. Cooper  
U.S. Deputy Surveyor

STATE OF OREGON,

County of Union.

ss.

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We Jeff D Fenton & W. P. Slater  
R. M. Morgan, & C. D. Goodnough  
Solemnly swear that we will well and faithfully  
execute the duties of chain carriers that we  
will level the chain upon 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 assist in measuring to the best of our  
skill and ability and in accordance with  
the instructions given us in the survey of Exterior  
lines of Townships 1, 2 <sup>and</sup> 3 South Range 35 East  
of Townships 1 South Ranges 36 <sup>and</sup> 37 East  
of Townships 1 North Ranges 37 <sup>and</sup> 38 East  
Willamette Meridian Oregon

Jeff D Fenton

Chairman

W. P. Slater

Chairman

R. M. Morgan

Chairman

C. D. Goodnough

Chairman

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Subscribed and sworn to before me  
this 16<sup>th</sup> day of July 1881

Geo. W. King  
Notary Public  
for Oregon

We R. M. Morgan & C. D. Goodnough

do solemnly swear that - we will well and truly perform the duties of assessors 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 Exterior lines of Townships East 3 South Range 35 East, of Townships & South Ranges 36<sup>th</sup> & 37 East of Township & North Ranges 36<sup>th</sup> & 37 East Willamette Meridian Oregon

R M Morgan  
C D Goodnough

Assessor  
Assessor

Subscribed and sworn to before me  
this 16 day of July 1881

Geo. M. King

Notary Public for Oregon.

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Excursion

of T. 18

R. 36E

Willamette Meridian, Oregon.

Chain

S. 70° W. 92 lks. dist marked

T. 18. R. 35E. S. 12. B. T.

Land high, mountainous  
and broken

Soil gravelly and rocky  
3rd rate.

Timber pine fir and tamarack

W. bet sec. 1 and 6

Pa 20° E

Descend in open pine timber

4.00

Enter young pine timber

24.00

Bottom of canyon course E.  
Ascend

40.00

Set post 3 1/2 ft long 3 ins square  
15 ins in the ground on the W.  
of the head of ravine 200 ft below  
summit in pine and fir  
timber for 1/4 sec. cor. marked  
4 S on the E and W face. from which  
A fir 6 ins diam bears.

Exteriore

of T 18

R. 36 E

Willamette Meridian, Oregon.

- Chain S 6° E 7 lks dist marked  $\frac{1}{4}$  S. B.T.  
 Afir 16 in diam bears  
 N 32° E 17 lks dist marked  $\frac{1}{4}$  S. B.T.  
 Descend.
- 46.00 Bottom of ravine course S. E.  
 Ascend through young timber  
 and dense underbrush.
- 73.50 Intersect the Baseline  
 26.71 chs E. of cor. to Sp. 1 N. N.  
 35 and 36 E.  
 Set post 4  $\frac{1}{2}$  ft long 4 in square  
 24 in in the ground in heavy  
~~scattering~~ timber for closing  
 cor. to Sp. 1 S. N. 35 and 36 E.  
 marked  
 C.C. S 1 S. on the S.  
 N. 36 E. S 6 on the E and  
 N. 35 S 1 on the W. face with  
 notches on the S. E. and W. faces  
 Afir 16 in diam bears. from which  
 S 24 W 4 lks dist marked.

Ex 196

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of T. 18

R. 36 E

Willamette Meridian, Oregon.

T 18 R 35 E S 1 B L

A tamarack 40 ins diam bears,  
S 74° E 24 lbs dist marked

T 18 R 36 E S 6 B L

Land high mountainous  
and broken.

Soil rocky 4th rate

Timber pine, fir, and tamarack

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### General Description.

This line runs across the breaks  
and canyons of the waters on  
the S. of Weachem Creek and  
the summits of the ridges are  
covered with a good quality  
of pine fir and tamarack  
timber

The sides of the mountain are  
rocky and destitute of timber  
Grass good

Water is scarce and very few



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Extensive

of T. 1 N.

R. 37 E

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Willamette Meridian, Oregon.

Chain

Baseline  
From cor. to Tps. 1 N. Rcs 36 and 37 E  
which is a post 1 1/2 ft long 3 ins  
square marked.

T 1 N. R. 37 E. S 31 on N E.

R. 36 E S 36 on N W face with  
a notch on the N. E. and Wedge.

A hemlock 14 ins diam bears

N 10° E 36 lbs dist marked

T 1 N. R. 37 E S 31. B.S.

A hemlock 12 ins diam bears.

N 20° W. 22 lbs dist marked.

T 1 N. R. 36 E S 36 B.S.

A hemlock 10 ins diam bears.

S 35° W 26 lbs dist marked

T 1 S. R. 36 E. S 1. B.S.

I run.

N. bet secs. 31 and 36

Pa. 21° E.

Descend through fir and  
tamarack timber.

FINAL OATHS FOR SURVEYS.

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

*Jacob C. Cooper*, 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 *Townships 1, 2 & 3 S. Range 35 E of T1 S, R, 36 E* Willamette Meridian, Oregon, showing the respective capacities in which they acted :

- ....., Compassman.
- W. T. Slater*....., Chainman.
- J. D. Fenton*....., Chainman.
- ....., Chainman.
- ....., Chainman.
- R. Morgan*....., Axeman.
- C. D. Goodnough*....., Axeman.
- ....., Flagman.

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted.....

*Jacob C. Cooper*, U. S. Deputy Surveyor, in surveying all those parts or portions of the *Exterior lines of Townships 1, 2 and 3 South Range 35 E. of Town 1 S 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.
- W. T. Slater*....., Chainman.
- J. D. Fenton*....., Chainman.
- ....., Chainman.
- ....., Chainman.
- R. M. Morgan*....., Axeman.
- C. D. Goodnough*....., Axeman.
- ....., Flagman.

Subscribed and sworn to before me, this *second* day of

*September* 188*1*

[SEAL.]

*Robert J. Leach*  
*Notary Public*

# FINAL OATHS FOR SURVEYS.

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

*Jacob C Cooper*....., 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*.....

lines of *T1SR 37 E and*.....

*T1NRs 37 & 38 E*..... Willamette Meridian, Oregon, showing the respective capacities in which they acted :

- ....., Compassman.
- R. D. Cooper*....., Chainman.
- Chas W Ladd*....., Chainman.
- C. D. Goodnough*....., Chainman.
- ....., Chainman.
- C. D. Goodnough*....., Axeman.
- R. M. Morgan*....., Axeman.
- ....., Flagman.

## FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted *Jacob C Cooper*....., U. S. Deputy Surveyor, in surveying all those parts or portions of the *Exterior lines*.....

of *T1SR 37 E and*.....  
*T1NRs 37 & 38 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.
- C. D. Goodnough*....., Chainman.
- R. D. Cooper*....., Chainman.
- Charles Gadot*....., Chainman.
- ....., Chainman.
- C. D. Goodnough*....., Axeman.
- R. M. Morgan*....., Axeman.
- Charles Gadot*....., Flagman.

Subscribed and sworn to before me, this *13<sup>th</sup>*..... day of *October*..... 188*1*.....

[SEAL.]

*Robert J. Staler*  
 Notary Public  
 for Oregon

FINAL OATH OF DEPUTY SURVEYOR.

I, Jacob C Cooper

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

received from James C Tolman

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

July, 1881, 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, surveyed all those parts or portions of the Exterior lines of

Tps 1, 2, 3, 3, S R 35-E, T1S R 36 & 37-E, T1N R 37 & 38-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.

Jacob C Cooper  
U. S. Deputy Surveyor.

Subscribed and sworn to before me, this seventh

day of January, 1882.

Henry Warner  
Notary Public

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**Office U. S. Surveyor General,**

Portland, Oregon, *April 5,* 188*2*

The following Field Notes of the Survey of

*The E. 1/4 of Tps. 1-2-3 SR 35 E.*  
*T 1 SR 36 and 37 E. and T 1-*  
*N R 37 and 38 E.*

executed by *Jacob C. Cooper*  
under *his* contract No. *397*

dated *July 1,* 188*1*, having been  
critically examined, the necessary corrections and ex-  
planations made, the said field notes and the survey  
they describe, are hereby approved.

*James C. Tolman*  
Surveyor General.