

FIELD NOTES

365

Of the survey of the Exterior  
Lines of T 2 N R 37 & 38 E and  
T 3 N R 38 & 39 E, Willamette Meridian,  
Oregon, as surveyed by Jacob C  
Cooper, U. S. Deputy Surveyor,  
under his Contract No. 397, dated  
July 14, 1881

Survey commenced, Sept 26 1881  
Survey completed, Oct 10 1881

NAMES AND DUTIES OF ASSISTANTS.

\_\_\_\_\_, Compassman.  
Chas D Goodrough, Chainman.  
R D Cooper, Chainman.  
\_\_\_\_\_, Chainman.  
\_\_\_\_\_, Chainman.  
R M Morgan, Axeman.  
John DeBoie, Axeman.  
\_\_\_\_\_, Flagman.

366

PRELIMINARY OATHS OF ASSISTANTS:

We, R. D. Cooper

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 2 N R 37 & 38 E  
and T 3 N R 38 & 39 E Willamette Meridian, Oregon.

R. D. Cooper, Chainman.  
\_\_\_\_\_, Chainman.  
\_\_\_\_\_, Chainman.  
\_\_\_\_\_, Chainman.

Subscribed and sworn to before me, this Twenty sixth  
day of September 1881.

[SEAL.] Jacob C. Cooper  
U.S. Dep Surveyor

We, John De Boie 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 of T 2 N R 37 & 38 E  
and T 3 N R 38 & 39 E Willamette Meridian Oregon.

\_\_\_\_\_, Axeman.  
John De Boie, Axeman.

Subscribed and sworn to before me, this Twenty sixth  
day of September 1881.

[SEAL.] Jacob C. Cooper  
U.S. Dep Surveyor

STATE OF OREGON,

County of Union.

ss.

367

36

We Jeff D Fenton, W. T. Slater  
R. M. Morgan & C. D. Goodrough do  
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 instructions given us in the survey  
the exterior lines of Townships 2 North Ranges  
37<sup>38</sup> & 38 East. Townships 3, 4, 5<sup>omitted</sup> & 6 North  
Ranges 39 East

Jeff. D. Fenton Chairman

W. T. Slater Chairman

R. M. Morgan Chairman

C. D. Goodrough Chairman

367A

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

J. M. King  
Notary Public for Oregon.

STATE OF OREGON,

County of Union.

SS.

367B

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 the exterior lines of Townships  
2 North Ranges 37 & 38 East,  
Townships 3, 4, 5, & 6 North Range 39  
East

R M Morgan Assessor  
C D Goodnough Assessor

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

Geo. W. King  
Notary Public for Oregon.

386

16

Extremities of Township No. 2 N Range 37 E

Willamette Meridian, Oregon.

Chains  
100.58

W

Township cor to Tps 1 & 2  
N. Rs. 36 & 37, E.

Land, mountainous and  
broken.

Soil, rocky 4th rate

Timber Fir tamarack  
and spruce

Sept 28, 1881

Thence

North bet, Secs. 31, & 36.

Bar  $19^{\circ} 30' E$

Slight ascent through heavy  
timber

5.00

Enter glade barren table  
land

17.50

Descend abruptly through  
dense timber & under  
growth

20.00

Descend gradually

40.00

Set post  $3\frac{1}{2}$  ft long 3 in  
square 18 in in ground

Extensior of Township No. 2 N. Range 337 E  
Willamette Meridian, Oregon.

Chains N	marked 1/4 S for 1/4 sec Cor in heavy timbered bottom and dense undergrowth A fir 18 in diam bears N 40° W 31 lbs dist marked 1/4 S B T
	A fir 16 in diam bears N 85° E 45 lbs dist marked 1/4 S B T
45.00	Ascend slightly.
50.00	Enter glade (killed a bear)
69.50	Enter fallen timber & dense undergrowth, descend
75.00	Ascend
80.00	set post 4 ft long 4 in square 2 ft in ground for Cor to decs 25 30, 31, & 36, on west side of high mountain ridge 50 feet below summit in dense thicket, post is marked 72, N. S. 30, on N. E, R. 37 E. & 31 on S E

388  
E 388

18

of Township No. 2 N Range 37 E

Willamette Meridian, Oregon.

Chains

North

R, 36, E, S, 36, on S, W, and  
S 25 on NW faces with  
1 notch on S and 5 notches  
on N ~~for~~ edges from which  
A Tamarack 4 in diam  
bears S, 71° W - 14 lbs dist marked  
T, 2, N, R, 36, E, S, 36, B, T,  
A Tamarack 5 in diam bears N  
60° W - 31 lbs dist marked -  
T, 2, N, R, 36, E, S, 25, B, T,  
A spruce 3 in diam bears N  
45° E, 4 lbs dist - marked -  
T, 2, R, 37, E, S, 30, B, T,  
A fir 2 in diam bears S  
66° E, 8 lbs dist - marked  
T, 2, N, R, 37, S, 31, B, T,  
Land mountainous and  
broken,  
Soil rocky 4<sup>th</sup> rate  
Timber Fir Tamarack  
Spruce and pine

---



19

Exteriors of Township No. 2 R Range 389 E,  
Willamette Meridian, Oregon.

chs North bet secs 25 + 30

Pa.  $19^{\circ} 35' E$

Descend through dense  
Chaparral

15.00

Ascend through Chaparral  
and occasional barren  
spots

30.00

Summit of slightly rolling  
table land.

Slight descent

40.00

Post 3 ft long  $3\frac{1}{2}$  in square  
1 ft in ground marked  $\frac{1}{4}$  S  
on E + W. faces, and raised  
around of stone about  
base of post 30 inches at  
base and 15 inches high  
for  $\frac{1}{4}$  sec Cor from which

50.00

A fir 12 in diam bears S.  $5^{\circ}$   
W. 145 lbs dist marked  $\frac{1}{4}$  S.B.

50.60

Brink of Canyon 1000 ft deep  
course N. and south and

Exteriors of Township No. 2 N Range 3 7 E

Willamette Meridian, Oregon.

for about 3 miles ahead  
is a succession of rocky  
precipitous mountain gorges,  
barren rocky slides,  
where chaining is im-  
practicable so I dis-  
continue the survey of  
this Township at the  
last 1/4 sec cor  
Land mountainous and  
broken

soil, very rocky 4th rate  
Timber Fir pine and  
Tamarack

Sept 29. 1881

This Township is very  
rough and mountainous  
The southern branches  
of the headwaters of  
the Umatilla river

Exteriors of Township No. 2 N Range 37 E

Willamette Meridian, Oregon.

head toward the southern  
boundary of the Township  
and run through the entire  
Township northward, through  
canyons from 1,000 to 3,500  
ft deep the sides of which  
are rocky and nearly barren  
The side of the ridges are  
covered with fir pine  
and tamarack timber  
The summits of the ridges  
are rocky and barren  
The timber is valuable  
The soil is worthless  
The Grazing below medium

FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by Jacob L. 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 T2 N Rs 37 & 38 E and T3 N Rs 38 & 39 E Willamette Meridian, Oregon, showing the respective capacities in which they acted:

- ....., Compassman.
- C. D. Goodrough....., Chainman.
- R. D. Cooper....., Chainman.
- ....., Chainman.
- ....., Chainman.
- R. M. Morgan....., Axeman.
- John DeBlair....., Axeman.
- ....., Flagman.

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted Jacob L. Cooper, U. S. Deputy Surveyor, in surveying all those parts or portions of the Exterior lines of T2 N Rs 37 & 38 E and T3 N Rs 38 & 39 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.
- C. D. Goodrough....., Chainman.
- R. D. Cooper....., Chainman.
- ....., Chainman.
- ....., Chainman.
- R. M. Morgan....., Axeman.
- John DeBlair....., Axeman.
- ....., Flagman.

Subscribed and sworn to before me, this 13<sup>th</sup> day of October 1888

[SEAL.]

Robert J. Hale  
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. TolmanU. S. Surveyor General for Oregon, bearing date of the first day ofJuly, 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 ofthe United States, surveyed all those parts or portions of the exterior linesof T2 N R3 37 + 38 E & T3 N R3 38 + 39 EWillamette 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

ten~~th~~

day of

January1882Edmond H. LewisNotary Public

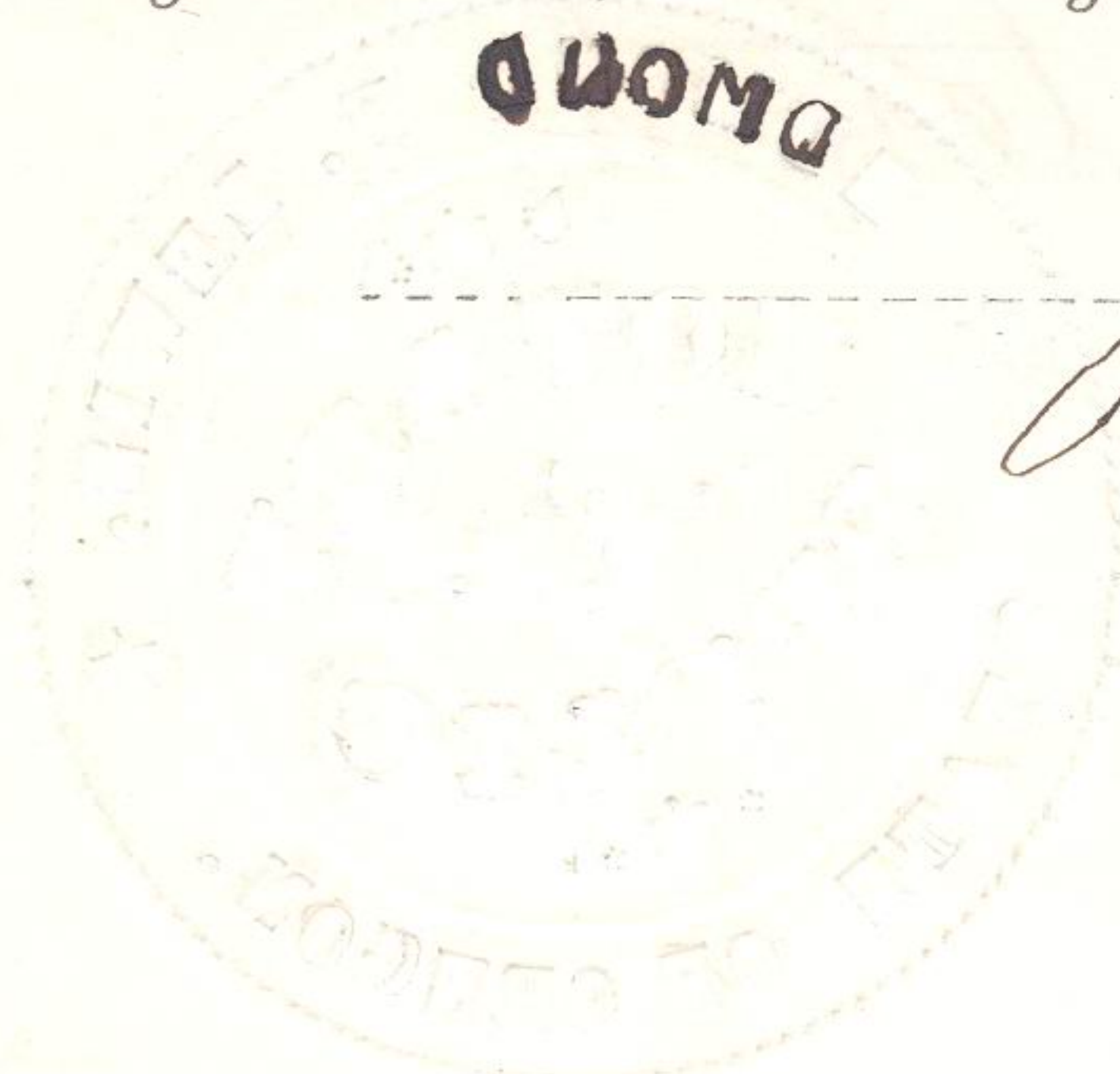
470

*foregoing*

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

Portland, Oregon, *April 5,* 1882

The following Field Notes of the Survey of the  
*Exterior lines of*  
*T. 2<sup>d</sup> and N. R. 37, 38, 39 E*  
*T. 3 N. R. 38 and 39 E Willamette*  
 executed by *Jacob C. Cooper*  
 under *his* contract No. *397*  
 dated *July 1<sup>st</sup>* 1881, 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. Tolson*  
 Surveyor General.