

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 ^{and} 3 South Range 35 East
of Townships 1 South Ranges 36 ^{and} 37 East
of Townships 1 North Ranges 37 ^{and} 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 16th 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 36th & 37 East of Township & North Ranges 36th & 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.

Exposure

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of T

2 S

R.

35 E 167

Willamette Meridian, Oregon.

Chain

A pine 20 ins diam base.

S 25° W, 44 lbs diet, marked

T 2 S. R. 34 E, S 12, B. T.

A pine 30 ins diam base

S 28° E 186 lbs diet marked

T 2 S. R. 35 E, S 7, B. T. no other trees in

limits raised mound of stone along side

Land mountain table land

with occasional pines

Soil rocky. 3rd rate

Timber fir pine and tamarack

N. bet secs 1 and 6

Pa 24° 10' E

Descend through open timber

15.00

Head of hollow-dense timber and undergrowth.

35.00

Leave dense timber and enter open pine timber

40.00

Set post 3 ft long 3 ins square
10 ins in the ground for 1/4 sec
cor. marked 4 S. on the E

Chains and W. faces. - set on W side
of a ravine sloping W. from where
A pine 34 ins diam bears
S 17° W 42 lbs dist. marked $\frac{1}{2}$ S. B. I.
Leave timber

50.00 Enter heavy pine timber

65.00 Brink of canyon. Descend.

75.50 Bottom of canyon. Ascend.
Course N 20 W

76.50 Leave timber.

80.00 Set post 4 $\frac{1}{2}$ ft long 4 ins square
2 ft in the ground on steep
hillside facing E and 300 ft.
above bottom of canyon and
400 ft. below summit. for
cor. to Tps 1 and 2 S R 34 and
35 E marked

T. 1 S. S. 31 on N. E.
R. 35 E. S. 6. on S. E.
T. 2 S. S. 1 on the S W. and
R. 34 E S 36 on the N. W. faces.
with 6 notches on E edge from where

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Extremes of T. S. R. 35 E 169
 Willamette Meridian, Oregon.

A pine & spruce forest bears

N 26° E 112 lbs dist marked.

T 1 S R 35 E S 31 B T. no other trees in
 raised mound of stone along side

Pa 17° 50' E

Land rough mountainous
 and broken.

Soil rocky 4th rate

Timber pine, fir, and tamarack

This line runs across the head
 canyons of McKay creek and
 they are almost impassable
 for man or beast.

The tableland in this township
 is near the summit of the
 Blue Mountains, and is
 covered with heavy timber,
 of pine, fir, and tamarack,
 of good quality.

The soil in places on table-
 lands is good if not too high

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. Seaver
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 *13th*..... 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, T1 S R 36 & 37 E, T1 N 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, 1882

The following Field Notes of the Survey of

The E. 1/4 of Tps. 1-2-3 SR 35 E.
T1 SR 36nd 37 E. and T. 1-
N R 37 and 38 E.

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

dated July 1, 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. Tolman
Surveyor General.