

FIELD NOTES

99

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. S. 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.

100

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 Assessor
C D Goodnough Assessor

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

Geo. M. King

Notary Public for Oregon.

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238 Sections

of T. 1 N. R. 37 E.

Willamette Meridian, Oregon.

Chain

S 1 N. N 36 E. S 12 B.T.

Afir 20 ins diam bears

S 51° E. 62 lbs dist marked

S 1 N. N 37 E. S 7. B.T.

Afir 30 ins diam bears

N 38° E. 51 lbs dist marked

S 1 N. N 37 E. S 6 B.T.

Afir 4 ins diam bears.

N 13° W 32 lbs dist marked.

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

Land high, rough, mountainous,
and broken.

Soil rocky 2nd rate.

Timber fir and tamarack.

Soil in swamps 1st rate

N. bet. sec. 1 and 6.

N 21° E.

Ascend through heavy timber
and dense undergrowth.

Descend gradually.

10.00

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Exteriors of T 1 N R. 37 E 239

Willamette Meridian, Oregon.

Chain

40 00

Set post 3½ ft long 3 ins square
 12 ins in the ground on
 mountainside sloping N. W.
 in dense alder thicket and
 heavy timber for ¼ sec. cor.
 marked ¼ S on the E and W face.
 A fir 12 ins diam bears from which

N 82° W 24 lbs dist marked ¼ S B.S.

A leaning alder 2 ins diam bears

S 45° W 4 lbs dist marked ¼ S B.S.

Pa 22° 15' E.

65 00

Spring branch, course W.

80 00

Set post 4½ ft long 4 ins square
 2 ft in the ground on W hillside
 in heavy timber with dense
 undergrowth. 100 ft below the
 summit. for cor to Tpe 1 N.
 Res 36 and 37 E marked
 T 2 N, S 31 on N E
 R 37 E S 6 on S E.

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Section

of T.

1st N.

R.

37th E

Willamette Meridian, Oregon.

Chains

S 1st N. S 1 on the S W and
 N 36th E S 36 on the N W. faces with
 6 notches on each edge from which
 A fir 15 in diam bears

N 32° E. 18 lks dist marked

S 2nd N. N 37th E S 31 B.T.

A fir 12 in diam bears

N 43° W. 75 lks dist marked

S 2nd N. N 36th E. S 36 B.T.

A fir 20 in diam bears

S 57° W. 47 lks dist marked

S 1st N. N 36th E S 1. B.T.

A fir 20 in diam bears

S 18° E. 23 lks dist marked

S 1st N. N 37th E, S 6 B.T.

High table land

Soil gravelly 2nd rate

Timber spruce fir and tamarack.

Sept 16 1881

Chain N. bet sec 1 and 2.

Pa 20° E

Descend gradually along mountain side sloping E.

4.00 Cross a small ravine. Course E

10.00 Spring branch. course E.

24.00 Windfall. Dense undergrowth.

40.00 Set post 3 1/2 ft long 3 ins square 18 ins in the ground on E side of mountain sloping E. 100 ft above valley for 1/4 sec. cor. marked 1/4 S. on E and W faces. from which a fir 18 ins diam bear

S 75° E. 18 lbs diet marked 1/4 S. B. F. no other trees in limits & erected mound of stone alongside Pa 13° E.

79.00 A spring

80.00 Set post 5 ft long 6 ins square 2 ft in the ground in heavy fir timber and dense undergrowth. Sloping E. for cor to Tps 1 and 2 N. Rs 37 and 38 E marked

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Extensive

of T. 1st N.

R. 38 E

Willamette Meridian, Oregon.

Chains

T2 N. S31 on N.E.

R38 E. S6 on S.E.

T1 N. S1 on S.W. and

R37 E. S36 on N.W. with

6 notches on each edge. From which

A fir 14 in diam bears.

S47° E. 43 lks dist marked

T1 N. R38 E. S6 B.T.

A fir 9 ins diam bears.

N20° E. 13 lks dist marked.

T2 N. R38 E. S31 B.T.

A fir 10 ins diam bears

N19° W. 32 lks dist marked

T2 N. R37 E. S36 B.T.

A fir 10 ins diam bears.

S36° W. 65 lks dist marked

T1 N. R37 E. S1 B.T.

Land rolling and mountainous

Soil gravelly 2nd rate

Timber fir and tamarack

Sept 22 1881.

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 *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 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 lines ofTps 1, 2, 3, 3. S R 35-E, T1S R 36 & 37-E, T1N R 37 & 38-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 seventhday 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. 1/2 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.