

STATE OF OREGON,

County of Union.



we Jeff D Fenton, W. P. Slater, R. M. Morgan,  
 C. D. Goodnough, 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 meas-  
 uring to the best of our skill and ability  
 and in accordance with instructions given  
 us in the survey of the exterior lines of  
 Townships 4<sup>th</sup> & 5<sup>th</sup> South Ranges 35, 36, & 37.  
 East of Willamette Meridian Oregon

Jeff D. Fenton Jr. Chairman

W. P. Slater Chairman

R. M. Morgan Chairman

C. D. Goodnough Chairman

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

Geo. M. King

Notary Public for Oregon.



STATE OF OREGON,

County of Union.

ss.

475

We R. M. Morgan<sup>2d</sup> & C, D.  
Goodrough do solemnly  
swear, that we will well  
and truly perform the duties  
of assessors in the establish-  
ment of corners and other du-  
ties according to instructions  
given us and to the best of  
our skill and ability in  
the survey of the Exterior lines  
of Townships 4<sup>th</sup> & 5<sup>th</sup> South  
Ranges ~~4<sup>th</sup> & 5<sup>th</sup>~~ 35, 36<sup>2d</sup> & 37 East  
of Willamette Meridian  
Oregon.

R M Morgan Assessor  
C D Goodrough Assessor

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

Geo. M. King  
Notary Public for Oregon.



99

579

Extension

of T

58

R.

35E

Willamette Meridian, Oregon.

Chain Soil gravelly 2nd rate.  
Timber pine.

We bet sec 1 and 6.

Pa  $20^{\circ} 15' E$ .

Descend through black pine  
timber

19.50 A spring

21.00 Leave timber

25.00 Enter heavy pine timber

40.00 Set post  $3\frac{1}{2}$  ft long 3 ins square  
18 ins in the ground on S margin  
of open pine timber on ridge  
course N and S. for  $\frac{1}{4}$  sec cor.

marked  $\frac{1}{4}$  S on E and W faces from which  
A pine 22 ins diam bears

$S 26^{\circ} W$  27 lbs diet marked  $\frac{1}{4}$  S B.S.

A fir 6 ins diam bears

$S 21^{\circ} E$  24 lbs diet marked  $\frac{1}{4}$  S B.S.

41.00 Leave timber and ascend

57.00 Enter heavy pine timber.



580

100

Exteriore

of T.

58

R.

35-E

Willamette Meridian, Oregon.

Chains

65.00

Descend

80.00

Set post  $4\frac{1}{2}$  ft long 4 ins square  
2 ft in ground at head of ravine  
on N slope of hill in open pine  
timber for cor to Tps 4 and 5 S  
R 34 and 35 E marked

T 4 S S 31 on N E.

R 35 E S 4 on S E.

T 5 S S 1 on S W. and

R 34 E S 36 on N W faces with  
6 notches on the N, S, E. and W.  
edges. from which

A pine 14 ins diam bears

S 39° W 33 lbs diet marked

T 5 S R 34 E S 1 B.T.

A pine 26 ins diam bears

N 53° W 84 lbs diet marked

T 4 S R 34 E S 36 B.T.

A pine 16 ins diam bears

N 47° E 51 lbs diet marked



Extensive

101

of T

58

R.

35-E

581

Willamette Meridian, Oregon.

T4S. R. 35E. S 31. B.T.

A pine 30 ins diam bears  
S 43° E 70 lks dist marked

T5S R. 35E. S 6. B.T.

Land rolling

Soil gravelly 1st rate.

Timber pine

Aug. 17 1881.

### General Description

There are some dairy ranches  
in this Tps. two or three of them  
lie on the Grand Ronde River  
in the S.E. cor. of the Tps. and  
one in the western part on Fly  
Creek. In the vicinity of these  
ranches the land is excellent  
prairie bottom, and a sufficient  
amount for 15 or 20 homesteads  
of first class agricultural land  
with water and timber at hand.



Exteriors

of T 48

R. 35-E 599

Willamette Meridian, Oregon.

Chain

A pine 30 ins diam bears  
S43°E 10 lbs dist marked  
T5 S N. 35 E S 6 B.T.

Land rolling and hilly  
Soil gravelly 2nd rate.  
Timber pine, fir, and tamarack.  
Aug 18 1881.  
Thence down.

N. bet secs 31 and 36.  
Va 19°45' E.

12.00

Descend through dense timber  
Ravine course N.E.  
Ascend

14.00

Descend through open pine timber.

35.00

Enter black pine, and tamarack.

38.50

Bottom of ravine course N.E.  
Ascend,

40.00

Set post 3 1/2 ft long 3 ins square  
8 ins in ground. in grove of young  
black pine for 4 sec. cor. marked



600

120

Extensior

of T.

48

R.

35-E

Willamette Meridian, Oregon.

Chains  $\frac{1}{4}$  S on E and W faces from which  
 Apine base diam bears  
 $N 65^{\circ} E$  18 lks dist marked  $\frac{1}{4}$  S. B. S.  
 Apine base diam bears  
 $N 73^{\circ} W$  14 lks dist marked  $\frac{1}{4}$  S. B. S.  
 Ascend  
 45.00 Descend through open pine timber  
 48.00 Bottom of ravine course E.  
 Ascend through open pine timber  
 55.00 Descend through open pine timber.  
 80.00 Set post 4 $\frac{1}{2}$  ft long 4 in square  
 24 in in ground on E side of hill  
 60 ft above the bottom of ravine  
 for cor. to secs 25, 30, 31 and 36  
 marked -  
 T 48 S 30 on N.E.  
 $N 35^{\circ} E$  S 31 on S.E.  
 $N 34^{\circ} E$  S 36 on S.W.  
 S 25 on N.W. face, with 1 notch  
 on the S and 5 notches on the N  
 edges, from which



Extensive

121

of T

48

R.

35 E

601

Willamette Meridian, Oregon.

Chain  
 Atamarack 12 ins diam bears.  
 N 28° E 54 lks diet marked  
 T48 N 35 E S 30 B.T.

Apine 7 ins diam bears  
 S 89° 30' E 48 lks diet marked  
 T48 N 35 E S 31 B.T.

Apine 7 ins diam bears.  
 S 54° W 34 lks diet marked  
 T48 N 34 E S 36 B.T.

Afir 6 ins diam bears.  
 N 43° W 19 lks diet marked  
 T48 N 34 E S 25 B.T.

Land rolling and hilly  
 Soil gravelly Ind. rate.  
 Timber pine and tamarack.

N. bet secs 25 and 30.

N 21° 15' E.

Descend through dense fir and  
 tamarack timber.

10.50

Bottom of canyon ascend and  
 Course N W



602

122

Exteriore

of T.

48

R.

35E

Willamette Meridian, Oregon.

Chain

Leave timber.

15.00

Descend.

17.50

Enter timber.

32.75

Reavine course W.

40.00

Set post 3½ ft long 3 in square  
18 in in the ground on W side of  
ridge 50 ft from bottom of canyon  
with mound of stone, for ¼ sec. cor.  
marked ¼ S on E and W. face. pr. w  
A pine 8 in diam bears

S 74° W. 67 lks dist marked ¼ S. B. S.

80.00

Descend through open pine timber.  
Set post 4½ ft long 4 in square  
24 in in the ground near the bed  
of a stream in canyon course.  
N 20° E. for cor to secs 19, 24, 25 and  
30. marked

T 48. S 19 on N. E.

R 35 E. S 30, on S. E.

R 34 E. S 25 on S. W. and

S 24 on the N. W. face with



123

Exteriors

of T

48

R.

35°E

603

Willamette Meridian, Oregon.

Chain 2 notches on the S. and 4 notches on  
 the N. edges, from which  
 A fir 14 ins diam base  
 N 33°E 108 lks dist marked  
 T 48, R 35°E, S 19 B.T.  
 A fir 12 ins diam base  
 S 45°E. 40 lks dist marked  
 T 48, R 35°E, S 30 B.T.  
 A fir 18 ins diam base.  
 S 6°W, 38 lks dist marked,  
 T 48, R 34°E, S 24 B.T.  
 Land rolling and hilly  
 Soil gravelly Ind rate.  
 Timber pine and tamarack.

N. bet sees 19 and 24

N 21°E.

Descend

5.00

Ascend through timber.

20.00

Leave timber.

29.00

Descend Open pine timber



604

124

Exteriore

of T.

48

R.

35E

Willamette Meridian, Oregon.

Chains

40.00

Set post  $3\frac{1}{2}$  ft long 3 in square  
18 in in ground with mound  
of stone alongside in W side of  
prairie for  $\frac{1}{4}$  sec cor marked  $\frac{1}{4}$  S.  
on E and W face.

A pine 28 in diam bears.

N  $51^{\circ}$  W. 115 lks dist marked  $\frac{1}{4}$  S. B.S.

Descend through open pine timber.

61.50

Shallow ravine course N.E.

63.00

Descend

78.00

Branch of Starkey Creek 10 lks wide  
course N.E.

80.00

Set post  $4\frac{1}{2}$  ft long 4 in square  
24 in in ground 4 lks west of true  
cor. for cor to secs 13, 18, 19 and 24  
marked.

T4S S18 on N.E.

R35E S19 on S.E.

R34E S24 on S.W. and

S13 on N.W. faces with 3 notches.



Chains on the N and S edges. from which  
 A white fir 9 ins diam bears  
 S 20° E 8 lbs dist marked  
 T 48 R 35-E S 19 B.S.

A spruce 14 ins diam bears  
 N 23° E 28 lbs dist marked  
 T 48 R 35-E S 18 B.S.

A alder 3 ins diam bears  
 S 77° W 17 lbs dist marked  
 T 48 R 34-E S 24 B.S.

A alder 4 ins diam bears  
 N 84° W 16 lbs dist marked,  
 T 48 R 34-E S 13 B.S.

Land rolling and hilly  
 Soil gravelly 2nd rate  
 Timber pure.



606

126

Exteriore

of T.

48

R.

35E

Willamette Meridian, Oregon.

Chain

No bet secs 13 and 18

Va 21° 10' E.

10.00

Ascend through open pine timber

Ledge of rocks.

18.00

Descend in timber.

31.50

Leave timber.

40.00

Set post 3½ ft long 3 in square  
18 in ground in open sloping  
hillside. for ¼ sec cor marked 4. S.  
on E and W facesNo trees near. Raised a mound  
of stone alongside of post.

61.50

Shallow ravine course N.E.

80.00

Set a stone 8 x 10 x 16, 8 in in  
ground marked

T 48 S 7 on N.E.

R 35-E S 18 on S.E.

R 34-E S 13 on S.W. and

S 12 on the N.W. faces with 4  
notches on the S and 2 notches  
on N edges.



127

Exteriors

of T

48

R.

35 E

607

Willamette Meridian, Oregon.

Chains and raised a mound of stone at  
cor. 3 ft wide at base, 18 ins high

Land rolling, prairie and timber.  
Soil gravelly 2nd rate.  
Timber pine, fir and tamarack.  
Aug 19 1881.

$\frac{1}{2}$  bet. secs. 7 and 12

$\text{Va } 20^{\circ} 50' \text{ E.}$

28.00

Enter open pine timber.

31.50

Creek bottom.

32.50

Center of bed of dry stream. Course  $\text{N} 6^{\circ} \text{ E.}$ 

33.00

Ascend

40.00

Set post 3 ft long 3 ins square  
18 ins in ground, with mound of  
stone along side, on summit of  
open ridge for  $\frac{1}{4}$  Sec  
cor marked  $\frac{1}{4} \text{ S}$  on E and W faces.  
A pine 20 ins diam bears.

$\text{N} 30^{\circ} \text{ E.}$  12 the dist marked  $\frac{1}{4} \text{ S. B. T.}$



128

608 Exterminator

of T. 48

R. 35-E

Willamette Meridian, Oregon.

Chains	<p>Apine 20 in diam bears  <math>N 24^{\circ} W</math> 123 lks dist marked <math>\frac{1}{4}</math> S.B.T.          Descend</p>
72.00	Enter heavy pine timber.
77.00	Dry bed of creek. Course N.E.
80.00	<p>Set post <math>4\frac{1}{2}</math> ft long 4 in square          2 ft in ground on S side of hill          in open pine timber 100 ft above          bottom of ravine for cor to secs          1, 6, 7 and 12 marked          T48. S6. on N.E.          R37E. S7 on S.E.          T48 S12 on S.W. and          S1 on the N.W. face from which          Apine 14 in diam bears  <math>N 5^{\circ} E</math>. 91 lks dist marked          T48. R35E. S6. B.T.          Apine 26 in diam bears  <math>S 11^{\circ} E</math>. 61 lks dist marked          T48. R35E. S7. B.T.          Apine 22 in diam bears</p>



129

Extreme of T 48 R. 35 E 600

Willamette Meridian, Oregon.

Chain S 89° W. 14 lks dist marked.

T 48 R 34 E. S 12 B. T.

Land rolling and hilly.

Soil gravelly 2nd rate.

Timber pine.

N. bet. secs 1 and 6.

N 17° 50' E.

Descend.

19.00 Enter timber.

27.50 point of rocks

30.50 Bed of dry creek course N E

Ascend

36.00 Descend

40.00 Set post 3 1/2 ft long 3 in square

18 in in ground on N slope of

mountain, in open pine timber

for 1/4 sec cor marked 1/4 S on E and

W faces.

Spine 30 in diam bears

N 68° W. 17 lks dist marked 1/4 S B. T.



610

130

Exterior

of T.

48

R.

35 E

Willamette Meridian, Oregon.

- Chain
- Apine 26 mi diam base  
 N47°E. 102 lks dist marked 4 S. B. S.  
 Descend
- 49.00 Precipice 30 ft high.  
 Starkey Creek 20 lks wide course E.  
 Ascend, leave timber.
- 57.25 Point of rocks.
- 67.11 The line bet Tpe 3 and 48 18.90 ch  
 E of the S.W. cor of T3 R 35 E.  
 Set post 4 ft long 5 in square  
 18 in in ground with mound  
 of stone 2 ft high and 3 ft diam  
 at base around post. for closing  
 cor. to Tpe. 4 S. R. 34 and 35 E.  
 marked.
- C.C. T48 on S.  
 R 35 E S 6 on E and  
 R 34 E S 1 on W. faces with 6  
 notches on S. E. and W faces  
 In prairie sloping gently S  
 100 ft above creek



Exterior

131

of T

48

R.

35 E

611

Willamette Meridian, Oregon.

Land broken and hilly  
Soil rocky and gravelly 1st rate  
Timber pine

Aug 20 1881

### General Description.

This Tr. is an excellent place  
for stock raising, there being  
an abundance of good bunch-  
grass and plenty of water

There are also 2 or 3 farms which raise  
wheat, barley, and the hardier veget-  
ables, timothy can be raised in  
abundance.

The timber is scattering groves of  
pine

Land is rolling and hilly, sometimes  
broken by deep rugged canyons on  
the larger streams. Should be sub-  
divided.

Jacob C. Cooper,  
U.S. Dep. Surveyor.



FINAL OATHS FOR SURVEYS.

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

*J. 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 *Exteriors of Townships 4<sup>th</sup> and 5<sup>th</sup> South, Range 35<sup>th</sup>, 36<sup>th</sup> and 37<sup>th</sup> E* of *South*, Range *35<sup>th</sup>, 36<sup>th</sup> and 37<sup>th</sup> E* Willamette Meridian, Oregon, showing the respective capacities in which they acted :

- ....., Compassman.
- M. T. Slater*....., Chainman.
- J. O. Fenelon Jr.*....., Chainman.
- ....., 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 *Exteriors lines of Townships 4<sup>th</sup> and 5<sup>th</sup> South Range 35<sup>th</sup>, 36<sup>th</sup> and 37<sup>th</sup> East of* Willamette Meidian, Oregon, 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.
- M. T. Slater*....., Chainman.
- J. O. Fenelon Jr.*....., Chainman.
- ....., Chainman.
- ....., Chainman.
- R. M. Morgan*....., Axeman.
- C. D. Goodnough*....., Axeman.
- ....., Flagman.

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

*September*..... 188.....

[SEAL.]

*Robert J. Slater*  
*Notary Public*



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 1st 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 4 & 5 S. Rs 35, 36 & 37 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 Sixth

day of February 1881

Henry Warren  
Notary Public



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Office U. S. Surveyor General,

Portland, Oregon, April 5, 1882

The following Field Notes of the Survey of  
Exterior lines of  
T. 4<sup>and</sup> 5 S. R. 35. 36. 37 E.  
Will. Mer. Or.

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. Tolman  
Surveyor General.