

## FIELD NOTES.

On the survey of the *Exterior Boundary*  
 Lines of *Townships 3, 4 & 5 North*  
*Range 39 East.* *Willamette Meridian,*  
 Oregon, as surveyed by *Refus S Moore*  
 U. S. Deputy Surveyor, under his Contract No. *437*  
 dated *June 3<sup>rd</sup>* *1882*

Survey commenced *August 17<sup>th</sup>* *1883*  
 Survey completed *August 30<sup>th</sup>* *1883*

## NAMES AND DUTIES OF ASSISTANTS.

*F. W. Campbell*, *Compassman.*  
*John S Guttridge*, *Chainman.*  
*Frank Ellis*, *Chainman.*  
 \_\_\_\_\_, *Chainman.*  
 \_\_\_\_\_, *Chainman.*  
*Cary N Matlock*, *Axeman.*  
 \_\_\_\_\_, *Axeman.*  
 \_\_\_\_\_, *Flagman.*



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PRELIMINARY OATHS OF ASSISTANTS.

We, John S. Rutledge and Frank Ellis

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 boundary

lines of Townships 3, 4 + 5

North Range 39. East Willamette Meridian, Oregon.

John S. Rutledge, Chainman.

Frank Ellis, Chainman.

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

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

Subscribed and sworn to before me, this Aug. 17th

August 1883

[SEAL.] Frank W. Campbell  
U.S. Deputy Surveyor

We, J. Cary & Mallock 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 Townships 3, 4 + 5

North Range 39. East Willamette Meridian, Oregon.

Cary & Mallock, Axeman.

\_\_\_\_\_, Axeman.

Subscribed and sworn to before me, this 17th

day of August 1883

[SEAL.] Frank W. Campbell  
U.S. Deputy Surveyor



689 B

.....of T.....R.....  
Willamette Meridian, Oregon.

In pursuance of special instructions received from James C Tolman W.S. Surveyor General of Oregon dated May 31<sup>st</sup> 1883 based on letter C. of Commissioner of General Land office dated May 2<sup>d</sup> 1883

I proceed to correct - certain errors made by Rufus S. Moore under his Contract ~~7~~ No 437 dated June 3<sup>d</sup>. 1882  
as follows



Extension of T. 4 North R. 39 East  
Willamette Meridian, Oregon.

Survey commenced August 21<sup>st</sup> 1883  
with a Burt's improved Solar Compass  
commence at the corner to Townships  
3 and 4 North which is a part 4  
in square marked

T. 4. N. S 31 on NE

R. 40 E S 6 on SE

T. 3 N S 1 on SW and

R. 39 E S 36 on NW face with 6  
notches on each edge

from which:

A Lamarack 8 in diam bears N 51° W 37 lbs  
dis-marked T. 4. N. R. 39. E. S. 36. B. T.

A Lamarack 8 in diam bears N 66° E 9 lbs dis  
marked T. 4. N. R. 40 E. S. 31. B. T.

A Lamarack 8 in diam bears S 58° E 33 lbs  
dis-marked T. 3 N. R. 40 E. S 6 B. T.

A pine 12 in diam bears S 46° W 54 lbs dis  
marked T. 3 N. R. 39. E. S. 1. B. T.

And run



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..... of T. 4 South R. 39 East  
 Willamette Meridian, Oregon.

South Between Sec 31 and 36,  
 on  $20^{\circ}40'E$ .

31,00 Ravine course W

ascend 100 ft to

40,00 Set apart 8 ft long 3 mi diam 24  
 mi mi ground for 1/4 Sec. corner  
 marked 1/4 S. on W face  
 from which;

A 1/2 12 mi diam bears  $S 71^{\circ} W$  12 lb dist  
 marked 1/4 S. B. T.

A 1/2 12 mi diam bears  $N 46^{\circ} E$  7 lb dist  
 marked 1/4 S. B. T.

ascend gradually over rolling  
 ground 100 ft to

80,00 Set apart 4 ft long 4 mi square  
 24 mi mi ground for less to Sec  
 25, 36, 30 & 31. marked

T. 4 N S. 30 on N.E

R. 40 E S. 31 on S.E

R. 39 E S. 36 on S.W and



Extent of T. 4 North R. 39 East  
 Willamette Meridian, Oregon.

S 25 on NW face with 5 notches  
 on N and 1 on S edges.

From which

A fir 10 mi diam bears N 45° E 24 lb dist  
 marked T. 4, N. R. 40, E. S. 30, B. T.

A Spruce 6 mi diam bears N 59° W 14 lb dist  
 marked T. 4, N. R. 39, E. S. 25, B. T.

A Lammack 12 mi diam bears S 13° W 19 lb  
 dist - marked T. 4, N. R. 39, E. S. 36, B. T.

A Spruce 6 mi diam bears S 79° E 11 lb dist  
 marked T. 4, N. R. 40 E. S. 31, B. T.

Land rolling.

Soil 2<sup>nd</sup> rate

Heavily timbered with fir  
 fir and Lammack

Scuse undergrowth of Alder  
 Willow Balm and Spruce.



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Esterois of T. 4 North R. 39 East  
 Willamette Meridian, Oregon.

North Between Secs 25 and 30  
 or 21° E.

Over rolling ground to:

4000 Set apart 2 ft long 3 mi diam 24  
 mi mi ground for 1/4 Sec. corner  
 marked 1/4 S on N face

from which:

Spruce 24 mi diam bears S 29° W 20 to dist  
 marked 1/4 S. B. S.

Spruce 24 mi diam bears N 81° E 39 to dist  
 marked 1/4 S. B. S.

8000 Set apart 4 ft long 4 mi square 24  
 mi mi ground for less to Secs  
 24, 25, 19 + 30 marked

T. 4, N. S. 19 on N E.

R 40 E. S. 30 on S E

R 39 E. S. 25 on SW and

S. 24 on NW faces with 4 notches on  
 N and 2 on S. edges

from which



.....  
 Esterois of T. 4 North R. 39 East  
 Willamette Meridian, Oregon.

A Spruce 30 in diam bears N 40° W 34 lbs dia  
 marked T. 4, N. R. 39, E. S. 24 B. T.

A Spruce 30 in diam bears N 30° E 35 lbs dia  
 marked T. 4, N. R. 40, E. S. 19, B. T.

A Spruce 26 in diam bears S 19° E 38 lbs dia  
 marked T. 4, N. R. 40, E. S. 30, B. T.

A Fir 10 in diam bears S 69° W 47 lbs dia  
 marked T. 4, N. R. 39, E. S. 25, B. T.

Land gently rolling

Soil  $\frac{1}{4}$  and  $2\frac{1}{4}$  caliche

Heavily timbered with pine  
 fir and Larch

Some undergrowth of Balsam  
 Alder and willow.



Extension of T. 4 North R. 39 East  
 Willamette Meridian, Oregon.

North Between Secs 19 + 24

va  $21^{\circ}20'E$

- |       |  |
|-------|--|
| 6.00  | Old Indian trail bears NE + SW   |
| 10.56 | " " " " E + SW   |
| 14.00 | Enter Marsh bears E + SW   |
| 26.00 | Enter prairie bears E + SW   |
| 27.00 | Indian trails bears NE + SW  |
| 40.00 | Set a post 3 ft long 3 in diam 24 in<br>in ground for 1/4 Sec. lev. marked<br>1/4 S. on N face from which:<br>Apr 12 in diam bears $N 5^{\circ} E 320$ lbs dist<br>marked 1/4 S. B. L.<br>Apr 10 in diam bears $N 9^{\circ} W 291$ lbs dist<br>marked 1/4 S. B. L. |
| 43.00 | Enter timber bears E + SW  |
| 49.00 | Leave timber bears E + SW  |
| 70.00 | Enter timber bears E + SW  |
| 80.00 | Set a post 4 ft long 4 in square 24<br>in in ground for Cor. Secs 13, 24, 18 + 19<br>marked T. 4, N. S. 18 on N. E   |



Esterois of T. 4 North R. 39 East  
Willamette Meridian, Oregon.

R 40 E. S. 19 on S E.

R. 39 E. S. 24 on S. W and

S. 13 on NW facis with 3 notches  
on N and S edges

from which:

A Spruce 10 mi diam bears  $N 43^{\circ} W 17$  lb dent  
marked T. 4, N. R. 39, E. S. 13, B. T.

A Spruce 10 mi diam bears  $N 15^{\circ} E 11$  lb dent  
marked T. 4, N. R. 40, E. S. 18, B. T.

An Alder 5 mi diam bears  $S 65^{\circ} E 11$  lb dent  
marked T. 4, N. R. 40, E. S. 19, B. T.

A Cottonwood 20 mi diam bears  $S 28^{\circ} W 11$   
lb dent - marked T. 4, N. R. 39, E. S. 24, B. T.

Land level.

Soil  $T \frac{1}{2}$  rate.

Smileer Heavy fine Gr. + Lamarack  
The prairie is known as Looking Glass  
meadows and is a rich Beaver dam  
land covered with a rank growth  
of wild grass.

August 22, 1883.



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Extension of T. 4 North R. 39 East  
Willamette Meridian, Oregon.

North Between Sees 13 and 18  
Va 21° E.

Ascend gradually over rolling  
ground 80 ft to:

4000 Set a post 8 ft long 3 in diam 24 in  
in ground for 1/4 Sec. Lev marked  
1/4 Low W face from which:

A Tri 4 in diam bears S 66° E 23 lbs dist  
marked 1/4 S. B. T.

A Spruce 20 in diam bears N 74° W 65 lbs dist  
marked 1/4 S. B. T.

47.50 Spring branch 4 lbs wick runs S. E.

69.00 " " " " " " " " Sw

Ascend 150<sup>ft</sup> to:

8000 Set a post 4 ft long 4 in square  
24 in in ground for Lev to Sees  
12, 13, 7 + 18. marked

T. 4. N. S. 7 on N. E

R. 40. E. S 18 on S E

R. 39 E S. 13 on Sw and



.....  
 Esterois of T. 4 North R. 39 East  
 Willamette Meridian, Oregon.

S 12 on NW faces with 4 notches on  
 Sand 2 on N edges

from which:

A Fir 20 in diam bears N 70° W 84 lb dist  
 marked T. 4, N. R. 39, E. S. 12, B. S.

A Fir 20 in diam bears S 60° W 34 lb dist  
 marked T. 4, N. R. 39, E. S. 13, B. S.

A Fir 20 in diam bears S 40° E 55 lb dist  
 marked T. 4, N. R. 40, E. S. 18, B. S.

A Fir 20 in diam bears N 36° E 40 lb dist  
 marked T. 4, N. R. 40, E. S. 7, B. S.

Land gutty rolling

Soil 1<sup>st</sup> and 2<sup>nd</sup> rate

Heavily timbered with pine Fir  
 Larch and Spruce

Some undergrowth of Fir Spruce  
 Willow pine and Alder.



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Esterois of T. 4 North R. 39 East  
Willamette Meridian, Oregon.

South Between Secs 7+12

on 21° E

13,50 Spring branch 3 lbs wide run S E

4000 Set a post 3 ft long 3 in diam 24 in  
in ground for 1/4 Sec. corner.  
marked 1/4 S on N face.

From which:

An Alder 4 in diam bears N. 10 W dist  
marked 1/4 S. B. T.

An Alder 4 in diam bears S 60° E 19 in dist  
marked 1/4 S. B. T.

Ascend 100<sup>ft</sup> to;

80,00 Set a post 4 ft long 4 in square  
24 in in ground for cor to Secs  
6, 7, 1+12 marked

T. 4 N. S. 6 on N. E

R. 40. E. S. 7 on S. E

R 39 E. S 12 on SW and

S. 1 on NW face with 5 notches on  
Sand 1 on N edge from which



Esterois of T. 4 North R. 39 East  
 Willamette Meridian, Oregon.

Aspen 10 mi diam beam  $N 40^{\circ} W$  16 lbs diam  
 marked T. 4, N. R. 39, E. S. 1, B. 5,

Aspen 12 mi diam beam  $N 46^{\circ} E$  5 lbs diam  
 marked T. 4, N. R. 40, E. S. 6, B. 5,

Aspen 8 mi diam beam  $S 13^{\circ} E$  21 lbs diam  
 marked T. 4, N. R. 40, E. S. 7, B. 5,

Aspen 8 mi diam beam  $S 8^{\circ} W$  17 lbs diam  
 marked T. 4, N. R. 39, E. S. 12, B. 5,

Land slopes gently to S.

Soil 2  $\frac{1}{4}$  rate.

Heavily timbered with pine  
 in Lamarack & Aspen.

Some undergrowth of Yellow pine  
 in Albo and Aspen.



Esterois of T. 4 North R. 39 East.  
Willamette Meridian, Oregon.

North Between Sec 1 and 6.

va. 21° E.

Ascend gradually 100 ft to;  
4000 Set a post 3 ft long 3 in square  
24 in in ground for 1/4 Sec. corner,  
marked 1/4 S on N. face.

from which:

Aspence 8 in diam bears N 46° E 12 in dist  
marked 1/4 S. B. T.

Aspence 10 in diam bears N 50° W 13 in dist  
marked 1/4 S. B. T.

49.50 Marshy Spring 50 in wide course  
N. W.

Ascend gradually 150 ft to  
81.20 Intersect 1<sup>st</sup> Standard Parallel  
North, at a point 21.32 chs East of Stand  
Cor. to Townships 5 North Ranges 39+40  
E where I set a post. 4 1/2 ft long  
4 in square 24 in in ground for  
Closing Cor. to Townships 4 North Ranges



.....  
 Esterois of T. 4 North R. 39 East  
 Willamette Meridian, Oregon.

39 and 40 East marked

E. Co. T. 4 N on S.

R 40. E. S. 6 on E

R 39 E S 1 on W face with 6  
 notches on S. E and W faces.

from which:

Aspruce 20 mi diam beas N 49° E 30 li dist  
 marked T. 5, N. R. 40 E. S. 31. B. T.

Aspruce 50 mi diam beas S 30° W 26 li  
 dist marked T. 4, N. R. 39. E. S. 1. B. T.

Aspruce 40 mi diam beas S 47° E 35 li dist  
 marked T. 4 N. R. 40. E. S. 6. B. T.

Land rolling

Soil  $\frac{1}{2}$  rate.

Heavily timbered with pine fir  
 Larch and Spruce.

Some undergrowth of Spruce  
 pine fir Willow and Alder.

I obliterated all marks and Corns established  
 on former survey by R. S. Moore.

August 23<sup>d</sup> 1883



Esteris of T. 4 North R. 39 East  
Willamette Meridian, Oregon.

### General Description

The land in this Township is generally high table lands broken by numerous canyons.

The soil ranges from 1<sup>st</sup> to 3<sup>rd</sup> rate. It is heavily timbered with fir, fir, Larch and Spruce of fair quality with generally a dense undergrowth of fir, Spruce, fir, Willow, Alder and Larch.



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# FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by Rufus S Moore, 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 boundary lines of Townships 3, 4 + 5 North Range 39 East Willamette Meridian, Oregon, showing the respective capacities in which they acted:

- Frank W Campbell, Compassman.
- J. S. Guttridge, Chainman.
- Frank Ellis, Chainman.
- \_\_\_\_\_, Chainman.
- \_\_\_\_\_, Chainman.
- C. V. Matlock, Axeman.
- \_\_\_\_\_, Axeman.
- \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted Rufus S Moore, U. S. Deputy Surveyor, in surveying all those parts or portions of the Exterior boundary lines of Townships 3, 4 and 5 N. of Range 39 East of the 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.

- Frank W Campbell, Compassman. U.S.D. Survey
- J. S. Guttridge, Chainman.
- Frank Ellis, Chainman.
- \_\_\_\_\_, Chainman.
- \_\_\_\_\_, Chainman.
- C. V. Matlock, Axeman.
- \_\_\_\_\_, Axeman.
- \_\_\_\_\_, Flagman.

Subscribed and sworn to before me, this Third day of September 1883

[SEAL.] J. L. Carter  
Notary Public for Union Co Oregon



FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by Rufus S. Moore, 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 Extension boundary lines of Taps 3, 4 and 5 North Range 39 East, Willamette Meridian, Oregon, showing the respective capacities in which they acted :

- James Guttridge, Compassman.
John Guttridge, Chainman.
Joe Parodi, Axeman.
Flagman.

FINAL OATHS OF ASSISTANTS

We hereby certify that we assisted Rufus S. Moore, U. S. Deputy Surveyor, in surveying all those parts or portions of the Extension boundary line of Taps 3, 4, 5 North of Range 39 East of 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.

- James Guttridge, Compassman.
John Guttridge, Chainman.
Joe Parodi, Axeman.
Flagman.

Subscribed and sworn to before me, this 1st day of August 1882. Rufus S. Moore Notary Public

[SEAL.]



## FINAL OATH OF DEPUTY SURVEYOR.

I, Rufus S. Moon  
 United States Deputy Surveyor, do solemnly swear that in pursuance of in-  
 structions received from Jos. C. Johnson  
 U. S. Surveyor General for Oregon, bearing date of the Third  
 day of June, 1882, I have well, faith-  
 fully 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, surveying all those

parts or portions of Exterior line of Twp.  
3, 4 + 5 North Range No 39 East  
 Willamette Meridian, in the State of Oregon, as are represented in the fore-  
 going 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 pro-  
 visions of an Act of Congress approved August 8, 1846.

Rufus S. Moon  
 U. S. Deputy Surveyor.

Subscribed and sworn to before me, this 10<sup>th</sup>  
 day of February, 1883

Bamford Robb  
 Notary Public.



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

Portland, Oregon, *April 11* 188*3*

The following Field Notes of the Survey of the  
*Exteriors of Twp. 3, 4 and 5 North*  
*Range 39 East, Will. Mex., Oregon*

executed by *Rufus S. Moore*

under his Contract No. *437*, dated *June 3<sup>d</sup>*

*1882*, having been critically examined, the  
necessary corrections and explanations made, the said field notes  
and the survey they describe, are hereby approved.

*James C. Tolman*  
Surveyor General.