

# FIELD NOTES

Of the survey of the 1<sup>st</sup> Standard Parallel  
South <sup>through</sup> ~~Lines of~~ Range 33 1/2  
East -----, Willamette Meridian,

Oregon, as surveyed by Rufus S  
Moore -----, U. S. Deputy Surveyor,

under his Contract No. 451 -----, dated  
June 12<sup>th</sup> -----, 1882

Survey commenced, October 12<sup>th</sup> ----- 1882

Survey completed, October 12<sup>th</sup> ----- 1882

## NAMES AND DUTIES OF ASSISTANTS.

Rufus S. Moore -----, Compassman.

James Guttridge -----, Chainman.

John Guttridge -----, Chainman.

Joseph Sharp -----, Chainman.

D. E. Lillard -----, Chainman.

Joseph Parodi -----, Axeman.

-----, Axeman.

-----, Flagman.

Pages 183-184  
cover Parallel  
 thru P. 34C; no  
certificate of  
approval of  
for same.





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PRELIMINARY OATHS OF ASSISTANTS:

We, James Guttridge, John Guttridge  
Joseph Sharp + W. E. Lillard  
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 1st Standard Parallel  
South through Range 33 1/2 East.  
lines of

Willamette Meridian, Oregon.

James Guttridge, Chainman.  
John Guttridge, Chainman.  
Joseph Sharp, Chainman.  
W. E. Lillard, Chainman.

Subscribed and sworn to before me, this Fifteenth  
day of August 1882

[SEAL.]

Rufus S. Moore  
Notary Public

We, J. Joseph Parodi 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 1st Standard Parallel  
South through Range 33 1/2 E. Willamette Meridian Oregon.

Joe Parodi, Axeman.  
Axeman.

Subscribed and sworn to before me, this Fifteenth  
day of August 1882

[SEAL.]

Rufus S. Moore  
Notary Public



# INDEX.

Referring the Lines to the Pages of the Field Notes.

T. *1<sup>st</sup> Stand. Parallel through R 33 1/2 E* Will. Mer.

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First standard parallel South.  
through Range 34 E.

Survey commenced Oct-12<sup>th</sup>  
1882, with a Burts improved  
solar compass.

I begin at the standard  
cor. to sec 31 & 32, T5 S, R34 E,  
which is a post 4 ins square  
marked S. 6, T5 S, R34 E on N.  
S 32 on E. and S 31 on W.  
faces, with 5 notches on E.  
and 1 notch on W. faces  
from which

A tamarack 14 ins. diam. bears N45° E 23

lks dist. marked T5 S, R 34 E, S. 32, B. 1

A tamarack 11 ins. diam. bears N30° W. 24

lks dist. marked T5 S R34 E, S. 31 B. 1

Thence I proceed to connect  
the 1st. standard parallel  
south with that portion of  
the same which was run from the  
West, terminating at E. boundary.



First Sta. Parl. South  
~~through Township No.~~

Range 34 E

Willamette Meridian, Oregon.

of Range 33 E I run  
West on the S. boundary of sec 31  
to  $204^{\circ}E$

5.00 Descend about 400 ft. to

31.50 Creek 8 lbs wide runs  $N 20^{\circ} W$

Ascend abruptly from Creek  
along hillside sloping  $N. E.$   
about 125 ft. to

40.00 Set a post 3 ft long 3 ins  
square 24 ins in the ground  
for standard & sec cor, marked  
S. C. & S on N. face from which  
A fir 18 ins diam bears  $N 27^{\circ} E 18$  lbs  
dist. marked S. C. & S B. T.

A hemlock 22 ins diam bears  $S 13^{\frac{1}{2}} W$   
24 lbs dist. marked S. C. & S B. T.

80.00 Set a post 4  $\frac{1}{2}$  ft long 4 ins  
square 24 ins in the ground  
for standard cor to T 5 S  
R 33  $\frac{1}{2}$  & 34 E marked  
S. C. T 5 S. on N. R 34 E S 31  
on E. R 33  $\frac{1}{2}$  E. S 36 on N.



of Township No. \_\_\_\_\_

Range \_\_\_\_\_

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Willamette Meridian, Oregon.

faces, with 6 notches on N. E and  
the <sup>edges</sup> faces, from which  
A pine 10 ins. diam. bears N 22° E. 37 lbs.  
dist. - marked T 5 S. R 34 E. S 31 B. T.  
A fir 12 ins. diam. bears N 21° W 17  
lbs. dist. - marked T 5 S. R 33 1/2 E. S. 36. B. T.

Land mountainous  
Soil 2d & 3d rates  
Heavily timbered with  
pine fir and hemlock  
80 chs.  
Dense undergrowth  
pine 80,000 chs -



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First Standard Parallel

South of T. Mearns R. 33 1/2 East

Willamette Meridian, Oregon.

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~~T 5 S R 33 E S 36 R S  
 and proceed to connect  
 the 1st Standard Parallel  
 South with that portion  
 of the same which was  
 run from the West end  
 ing at East boundary of  
 Range 33 East.~~

Extension of 1st Standard  
 Parallel South

All marks on Coopers  
 corners referring to R.  
 33 E changed to R.  
 33 1/2 E and run

West on South boundary  
of Sec 36

Var 20° 15' E

Ascend along hillside  
bearing N.W. & S.E.

2750

Top of ridge bears N.W.



3.

First Standard Parallel  
South of T. Hrough R.  $33\frac{1}{2}$  East  
Willamette Meridian, Oregon.

\* S.E. and

Descend 350 ft above cor.  
4000 Set post 3 ft long 3 in square,  
set 24 in. in the ground  
for  $\frac{1}{4}$  Sec corner marked  
S.C.  $\frac{1}{4}$  Sec on N face  
from which

a pin 10 in diam bears  
N  $7^{\circ}$  W 23 lb dirt marked  
S.  $\frac{1}{4}$  S.B.T.

a pin 7 in diam bears  
S.  $28^{\circ}$  W 24 lb dirt marked  
S.  $\frac{1}{4}$  S.B.T.

4500 Head of Ravine corner  
N.W. 300 ft below the top  
of ridge ascend

5600 Top of ridge bears N  $7^{\circ}$  E  
and descend 150 ft above  
Ravine

8000 Set post  $4\frac{1}{2}$  ft long 4 in  
square 24 in in ground  
for Standard corner to



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## First Standard Parallel

South of T. through R. 33 1/2 East

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Willamette Meridian, Oregon.

Tees. 35 and 36 marked  
 T.C. T. 5 S R 33 1/2 E on N  
 T 36 on E and T 35 on W  
 faces with 1 notch on  
 E and 5 notches on W  
 faces

from which

A fir 15 in diam bears  
 N 82° W 27 lbs dist marked

T. 5 S R 33 1/2 E T 35 B.T.

A fir 16 in diam bears  
 N 33° E 39 lbs dist marked

T. 5 S R 33 1/2 E T 36 B.T.

A pine 7 in diam bears  
 S 10° W 20 lbs dist marked

T. 6 S. B. T.

Land mountainous

Soil 2d rate

Heavily timbered with  
 pine & fir

Dense undergrowth of  
 pine and fir



5  
First Standard Parallel

South — of T. through R.  $33\frac{1}{2}$  East

Willamette Meridian, Oregon.

West on South. boundary  
of Sec. 35

Var  $20^{\circ}$  East

Descend

1780 Creek 12 lks wide run N  
350 ft. below Sec corner  
Ascend from Creek

2200 Top of sharp ridge bears  
N. S. 150 ft high and  
Descend.

27.00 Brook 4 lks wide run N.  
Ascend from Brook

4000 Set post 3 ft long 3 in  
square 24 in in ground  
for  $\frac{1}{4}$  Sec corner marked  
 $\frac{1}{4}$  S. S. C. on N face  
from which

A pin 4 in diam bears  
N  $70^{\circ}$  W 47 lks dist marked  
S.  $\frac{1}{4}$  S. B. T.

A tamarack 30 in diam  
bears S  $55^{\circ}$  E 35 lks dist



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First Standard Parallel

South of T. Loring R.  $33\frac{1}{2}^{\circ}$  E

Willamette Meridian, Oregon.

80000 D. marked  $\frac{1}{4}$  S. B. T.

Set a post 4 ft long 4 in square 24 in in the ground for Standard corner to Secs 34 and 35 marked T. C. T. 5 T. R.  $33\frac{1}{2}^{\circ}$  E on N. T. 35 on E and T. 34 on W faces with 2 notches on the E and 4 notches on W. <sup>edges</sup> faces

from which

A pin 24 in diam bears N  $50^{\circ}$  E 26 lbs dist marked T. 5 T. R.  $33\frac{1}{2}^{\circ}$  E T. 35 B. T.

A pin 24 in diam bears N  $58^{\circ}$  W 24 lbs dist marked T. 5 T. R.  $33\frac{1}{2}^{\circ}$  E T. 34 B. T.

A pin 20 in diam bears T  $70^{\circ}$  W 30 lbs dist marked T. 6 T. B. T.

Land unmountainous

Soil 2d rate



First Standard Parallel 7  
South of T. 13<sup>13</sup> R. 33 $\frac{1}{2}$  East  
Willamette Meridian, Oregon.

Heavily timbered with  
pine & fir 80 chz  
Dense undergrowth of  
pine and fir 80 chz

West on South boundary  
of Sec. 34.

Var 20° E

1100 Top of Ridge bears NW & SE  
400 ft high and  
Descend

2401 To a point 1728 lbs South  
of corner to Township 5  
South Range 33 East  
which is a post 4 in square  
marked T. 5 S. R. 34 E. S. 31.  
on NE which I changed  
to R 33 $\frac{1}{2}$  E S 34  
T. 5 S. R. 33 E S 36 on N.W.  
faces with 6 notches  
on N. E & W <sup>edges</sup> faces  
from which



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First Standard Parallel  
 South of Township R.  $33\frac{1}{2}^{\circ}$  E.

Willamette Meridian, Oregon.

A tamarack 8 in in diam  
 bears N  $64^{\circ}$  W 56 lks dist  
 marked T. 5 S R 33 E S. 36 B. S.

A fir 10 in diam bears  
 N  $48^{\circ}$  E 35 lks dist marked  
 T. 5 S R 34 E S 31 B. S.

I changed the Marks  
 on this last bearing tree  
 from R 34 E to R  $33\frac{1}{2}$  E  
 and the Sec from 31 to  
 34.

Where I set post 5 ft long  
 5 in square 24 in in the  
 ground for closing corner  
 to Township 5 South Range  
 $33\frac{1}{2}$  E and marked T.

5 S C. on N  
 R  $33\frac{1}{2}$  E S. 34 S. C. on E  
 and T. 6 S. on W faces  
 with 6 notches on N & S  
 & 3 notches on E <sup>edges</sup> faces  
 from which



Ford Standard Parallel <sup>9</sup>  
South of T. through R. <sup>15</sup> 33 1/2 East  
Willamette Meridian, Oregon.

A fir 12 in diam bears  
S 22° E 20 lbs dirt marked  
T. 6 S. S. C. C. B. T.

A fir 8 in diam bears N.  
62° W 8 lbs dirt marked  
T. 6 S. S. C. C. B. T.

A fir 12 in diam bears  
S. 40° W 37 lbs dirt marked  
T. 6 S. S. C. C. B. T.

Land mountainous

Soil 2d rate

Heavily timbered with  
pine fir & tamarack

Dense pine & fir woods,  
& growths ~ ~



1916  
 First Standard Parallel  
 South — of T. through R. 33 1/2 East  
 Willamette Meridian, Oregon.

## General Description

This line runs over  
 mountains and rolling  
 land. The Townships on  
 each side are also moun-  
 tainous and broken but  
 contain pine fir & tamarack  
 timber of fair quality



## 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 1<sup>st</sup> Standard Parallel South through lines of Range 33 1/2 East Willamette Meridian, Oregon, showing the respective capacities in which they acted :

<u>Rufus S. Moore</u>	, Compassman.
<u>James Guttridge</u>	, Chainman.
<u>John Guttridge</u>	, Chainman.
<u>Joseph Sharp</u>	, Chainman.
<u>W. E. Gillard</u>	, Chainman.
<u>Joe Parodi</u>	, Axeman.
	, Axeman.
	, Flagman.

### FINAL OATHS OF ASSISTANTS.

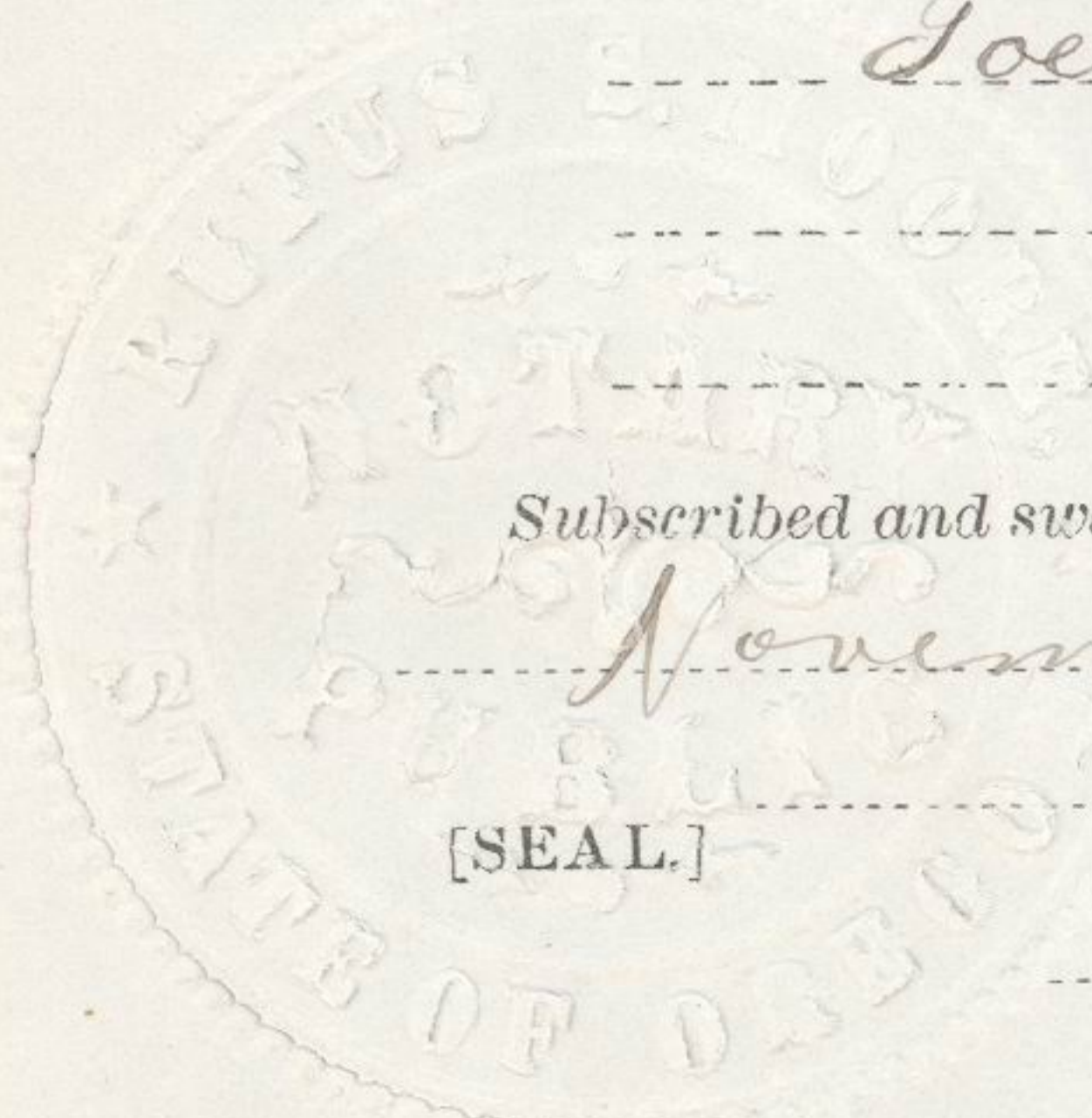
We hereby certify that we assisted Rufus S. Moore, U. S. Deputy Surveyor, in surveying all those parts or portions of the 1<sup>st</sup> Standard Parallel South through of Range 33 1/2 East Willamette Meridian, Oregon, as are represented in the foregoing field notes as having been surveyed by him and 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.
<u>James Guttridge</u>	, Chainman.
<u>John Guttridge</u>	, Chainman.
<u>Joseph Sharp</u>	, Chainman.
<u>W. E. Gillard</u>	, Chainman.
<u>Joe Parodi</u>	, Axeman.
	, Axeman.
	, Flagman.

Subscribed and sworn to before me, this Twenty First day of November 1885

[SEAL.]

Rufus S. Moore  
Notary Public





FINAL OATH OF DEPUTY SURVEYOR.

I, Refus S. Moore

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 12<sup>th</sup> day of June, 1882, 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 1<sup>st</sup> Standard Parallel through Range 33 1/2 East

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.

Refus S. Moore  
U. S. Deputy Surveyor.

Subscribed and sworn to before me, this 10<sup>th</sup> day of February, 1882

Benford Robb  
Notary Public





Office U. S. Surveyor General,

Portland, Oregon, *Feb* 1, 1884

The following Field Notes of the Survey of the  
1<sup>st</sup> Stand. Par. South through  
Range 3 3/2 East, Will  
Mer., Oregon

executed by *Rufus S. Moore*

*\_\_\_\_\_* under his contract No. 457,  
dated *June 12*, 1882, 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. Talman*  
Surveyor General.

