

FIELD NOTES

Of the survey of the Exterior

Lines of Townships 3 N. R. 37 & 4 N. Ranges  
Willamette  
37 and 38 East, Meridian, Oregon.

Executed by George S. Pershin

U. S. Deputy Surveyor, under his Contract

No. 304 dated Sept-19<sup>th</sup> 1878

List of the names of the persons employed to assist in running, measuring and marking the lines of the foregoing survey.

James M. Morrison Chainman.

Homer C. Pershin Chainman.

..... Chainman.

Archibald McLeod Axeman.

..... Axeman.

..... Compassman.

..... Flagman.



## PRELIMINARY OATHS OF ASSISTANTS.

WE, *James M. Morrison, Homer, C* and  
*Perkin*

do solemnly swear that we will faithfully execute the duties of Chain Carriers; that we will level the chain upon uneven ground, and plumb the tally pins, whether 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.

*James M. Morrison* Chainman.

*Homer C. Perkin* Chainman.

Chainman.

Subscribed and sworn to before me, this *8th Day*  
day of *April* 187*9*

*Saml G. Lightfoot*

WE, *A. Archibald McLeod* and

do solemnly swear that ~~we~~ <sup>I</sup> will well and truly perform the duties for which ~~we~~ <sup>I</sup> have been ~~severally~~ <sup>my</sup> employed according to instructions and to the best of our skill and ability.

*Archibald McLeod*

Subscribed and sworn to before me, this *8th Day*  
day of *April* 187*9*

*Saml G. Lightfoot*  
*Justice of the Peace*



# INDEX.

Referring the lines to the pages of the field notes.

Town. 3 N. Range 37 East Willamette Meridian.

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1

Exteriors

Subdivisions of Township No. 3 North South Range 37

403

East Willamette Meridian, Oregon.

I begin at the post the corner to Township 2 and 3 North Ranges 36 and 37 east. the post is still standing and the witness trees I find as described in the field notes as furnished by the office viz.

A Fir 20 in. diam. brs. S. 20° W. 21 lbs dist

" " 18 " " " N. 30° W. 65 " "

" " 10 " " " N. 65° E. 40 " "

and with Burt's Improved Solar Compass I run East along the South Boundary of Sec. 31 Pa. 21° 00' East

37.00 begin to descend

40.00 Set Fir post on east descent

for 1/4 Sec. cor. from which Spruce 4 in. diam. brs N. 64° E. 10 lbs. dist.

" Willow 5 " " " S 15° E. 28 " "



# Exteriors

Subdivisions of Township No. 3 <sup>North</sup> ~~South~~ Range 37  
East Willamette Meridian, Oregon.

2

404

70.50 Leave timber course N. & S'  
80.00 Set Basalt Stone 14x10x8 on -300  
South Side of Spur extending  
East for corner to sections  
31. 32. 5 and 6. from which  
A Fir 14 in diam. br. S 18° E 197 lbs dist  
" " 18 " " " S. 8° W. 230 " "  
No other trees

Land: Surface; on West 37 chs  
nearly level East 43 chs very broken;  
Soil 3<sup>rd</sup> rate; Some good timber  
on West 70 chs remainder scattering  
Pine Fir & Tamarack  
Some Willow Alder and  
other underbrush

Note - There are several kinds of under-  
brush in this vicinity that I  
do not know any name for.



3  
Exteriors

405

Subdivisions of Township No. 3 North South Range 37

East Willamette Meridian, Oregon.

East on the South Boundary of Sec. 32

Pa.  $19^{\circ} 30'$  East

21.50 Spring branch course. N. E. and <sup>300</sup>-300  
enter timber N. E. & S. W.

40.00 Set Basalt Stone  $14 \times 12 \times 5$  on North  
side of spur for  $\frac{1}{4}$  sec. cor.

A Fir. 8 in. diam. brs. N.  $42^{\circ}$  E 7 lks dist

" " 10 " " " S.  $40^{\circ}$  N. 47 " "

60.75 Brook 10 lks wide course S. E. - 300

62.00 Leave timber course S. E. & N. W.

80.00 Set Basalt Stone  $14 \times 10 \times 5$  on  
east side of mountain for  
corner to sections 32, 33, 4 and  
5 from which a

Pine 8 in. diam. brs. S  $72^{\circ}$  N. 70 lks dist

Fir 8 " " " N.  $20^{\circ}$  W. 120 " "

no other trees

Land: Surface Mountainous; soil  
third rate; Good timber on west  
62 chains remainder scattering  
Fir, Pine, and Tamarack

April 14 1879



Exteriors

Subdivisions of Township No. 3 North South Range 37  
East Willamette Meridian, Oregon.

4  
406

East along the South Boundary of Sec 33.

Pa.  $28^{\circ} 30'$  East

24.00 South branch of Umatilla river - 200  
50 lks wide course N.E

27.00 Creek 20 lks wide course N.W.

28.00 Toll road from Pendleton to  
La, Grand course S.E & N.W.

40.00 Set Stone  $18 \times 8 \times 7$  on S.W. hillside  $+150$   
for  $\frac{1}{4}$  Sec. Cor. no trees

Up along South side of ridge

80.00 Set Stone Basalt  $18 \times 12 \times 10$  on  $+300$

South face of ridge for corner  
to Sections 33, 34, 3 and 4. drove  
Stake and raised Mounds of  
Stone around Stone and Stake  
in lieu of pits. (no trees)

Land: surface Mountainous; low

3<sup>rd</sup> rate; Scattering Pine and

Pur timber on west 30 chs rem-

ainder open. good grass



5 Exteriors

407

Subdivisions of Township No. 3 North South Range ~~37~~  
East Willamette Meridian, Oregon.

East along the South Boundary of Section 34  
Pa.  $19^{\circ} 45'$  East

32.00 In ravine and up ravine + 30  
40.00 Set Stone basalt.  $20 \times 12 \times 4$  on north + 50  
side of ravine for  $\frac{1}{4}$  Sec. Cor.  
no trees

80.00 Set Basalt Stone  $18 \times 14 \times 8$  on + 350  
Plateau in Mound of stone for  
cor to Sec. 34.35. 2 & 3

A Pine 30 in. diam. brs. N.  $55^{\circ}$  E. 140 lbs dist

" " 10 " " S  $50^{\circ}$  E. 200 "

no other trees

Land: Surfa a Mountainous;  
Soil. 3<sup>rd</sup> rate; a few scattering  
Pine and Fir trees; gova  
bunch grass



Exteriors

~~Subdivisions~~ of Township No. 3 North South Range 37 408  
East Willamette Meridian, Oregon.

East along the South Boundary of Sec. 35

Pa. 20° 30' East.

15.00 begin to descend

40.00 Set Fir post on south hillside -100  
for 1/4 Sec. cor.

A Fir 4 in diam. brs. N. 55° W. 19 lbs dist

" " 12 " " S 62° E. 72 " "

78.00 Brook 4 lbs wide course N. W. -200

80.00 Set Basalt Stone 16 x 8 x 7 on S. W. +30  
hillside for corner to Sec. 35, 36,

1 and 2 from which a

Fir 8 in diam. brs. N. 10° E. 60 lbs dist

" 20 " " " S. 24° E. 99 " "

" 36 " " " S. 38° W. 66 " "

" 18 " " " N. 68° W. 74 " "

Land: Surface Mountainous; Soil  
3<sup>rd</sup> rate; Timber gova in places  
and in places scattering Fir, Tam-  
arack and Pine; gova grass in  
openings

April 15<sup>th</sup> 1879



7

409

Exteriors

Subdivisions of Township No. 3 <sup>North</sup> ~~South~~ Range 37  
East Willamette Meridian, Oregon.

East on the South Boundary of Sec. 36.

Pa.  $22^{\circ} 30'$  East

- 1.00 Leave timber N.W. & S.E.  
 36.00 Enter " " N. & S.  
 40.00 Set Spruce post on level post + 150  
 $\frac{1}{4}$  Sec. cor. from which  
 A Spruce 10 in. diam. brs. N.  $38^{\circ}$  W. 18 lbs dist -  
 " Fir 8 " " " S  $70^{\circ}$  W. 15 " "  
 67.00 Spring Branch course N.W. - 100  
 78.00 Leave timber co. N. & S. -  
 80.00 Set Basalt Stone  $18 \times 10 \times 8$  in  
 Mound of Stone on level  
 open glade for corner to Town-  
 ships 2 and 3 North. Ranges  
 37 and 38 East Willamette  
 Meridian from which a  
 Fir. 28 in. diam brs. S.  $24^{\circ}$  W. 210 lbs dist  
 " 12 " " " N.  $46^{\circ}$  W. 340 " "

No other trees near.

Land: Surface Mountainous; Soil  
<sup>3<sup>rd</sup></sup> rate; Good timber on  $6\frac{1}{2}$  mile  
 $1\frac{1}{2}$  mile scattering Fir. Tamarack & Pine



FINAL AFFIDAVIT OF ASSISTANTS.

We hereby certify that we assisted

*George S*

*Pershin*

Deputy Surveyor, in surveying

the *External Boundaries of Townships 3 N. Rang 37 &*

*Townships 4 N. Ranges 37 & 38 E.* Willamette Meridian, Oregon,

and that said lines have been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the boundary monuments planted according to the instructions furnished by the Surveyor General; and we do further swear that we each of us performed the work assigned us, faithfully to the best of our ability, in the capacity hereby indicated by our signatures.

*James M Morrison* Chainman.

*Homer C. Pershin* Chainman.

Chainman.

*Archibald M. Lord* Axeman.

Axeman.

Compassman.

STATE OF OREGON,

County of *Wheeler*

} 21

Subscribed and sworn to before me, this *11th*

day of *June* 187 *9*

*J. D. Sinaller* a  
Justice of the Peace



I George S. Pershin

Deputy Surveyor, do solemnly swear that in  
pursuance of a contract with J. C. Tolman  
U. S. Surveyor General of the State of Oregon,  
bearing date the 19 day of September  
1878, and in strict conformity with the Print-  
ed Manual of Instructions, and the instruc-  
tions given me by the Surveyor General, I have  
faithfully surveyed the Exterior lines  
of Townships 3 & 4 North Ranges 37 & 38 East  
aforesaid, and do further solemnly swear that  
the foregoing are the true and original field  
notes of such survey.

George S. Pershin  
Deputy Surveyor.

STATE OF OREGON,

County of Multnomah

Subscribed and sworn to before me, a Justice  
of the Peace in and for the said County and  
State, this 21 day of June 1878

H. W. Davis  
Justice of the Peace



Office U. S. Surveyor General,

Portland, Oregon, June 27 1879

The foregoing Field Notes of the survey of  
Exterior lines of Sps 3<sup>rd</sup> 4<sup>th</sup> N. R 3<sup>rd</sup> E. and T 4<sup>th</sup> N. R 38<sup>th</sup> E.  
executed by George S. Pughin U. S. Dept Sur.  
under his contract No. 304

Dated Sept 19 1879, having been criti-  
cally examined, the necessary corrections and  
explanations made, the said field notes and  
the survey they describe, are hereby approved.

James C. Tolman  
Surveyor General.