

FIELD NOTES

Of the survey of the First Standard Parallel South
South

Lines of Township 4-5 S. R. 27, 28, 29, 30, 31, 32 & 33 East

Willamette Meridian, Oregon,

Executed by George S. Pershore

U. S. Deputy Surveyor, under his contract No. 362

dated August 2^d, 1880

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

Rufus M. Morgan Chainman.

Crockett Boyer Chainman.

----- Chainman.

Sterling P. Heaney Axeman.

----- Axeman.

----- Flagman.

PRELIMINARY OATHS OF ASSISTANTS :

We, Rufus M. Morgan, Crocket Boyer and
Sterling P. Haney

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.

Rufus M. Morgan Chainman.

Crocket Boyer Chainman.

Sterling P. Haney Chainman.

Subscribed and sworn to before me, this 23d day of Aug

day of August 1880

A Mallory
Justice of the Peace

We, ~~Rufus M. Morgan, Crocket Boyer~~ and
~~Sterling P. Haney~~

do solemnly swear that we will well and truly perform the duties for which we have been severally employed according to instructions, and to the best of our skill and ability.

~~Rufus M. Morgan~~ Axeman.

~~Crocket Boyer~~ Axeman.

Subscribed and sworn to before me, this 23

day of August 1880

A Mallory
Justice of the Peace

609
First Standard Parallel South

So. Bound. of Township No. 5 South Range 29 East
Willamette Meridian, Oregon.

East on a true line along the South
Boundary of Sec. 36,

Pa. $20^{\circ} 00'$ East—

Surface rolling

40,00 Set Basalt Stone $18 \times 12 \times 6$ on slight

East Slope for $\frac{1}{4}$ Sec. cor.

Pine 36 in. di. brs. $N 12^{\circ} E$, 28 lbs. dist,

Fir 9 " " " $S. 85^{\circ} W$, 54 " "

80,00 Set Pine post 8 in di. 5 ft long

Squared on two sides on
slight East slope for cor. to
Townships 5 South Ranges 29
and 30 East Will. Merid.

Pine 4 in di. brs. $N. 47^{\circ} W$, 72 lbs dist

" 18 " " " $N. 13^{\circ} E$ 54 " "

Land: Surface rolling; Soil 2nd
and 3rd rate; heavy timber with
some scattering and occasion
open glades; Pine Tamarack
and Fir. Some underbrush
but mostly open

First Standard Parallel South
S. Boundary of Township No. 5 South Range 30 East
Willamette Meridian, Oregon.

610²⁰

East on a true line along the South
Boundary of Sec. 31

Wa. $119^{\circ} 00'$ East

4000 Set Sand Stone $20 \times 12 \times 10$ on
slight south slope for $\frac{1}{4}$ sec. cor.

Fir 20 in di. brs. N. 42° W. 42 lbs dist

Pine 20 " " S. 50° W. 29 " "

8000 Set Basalt Stone $16 \times 8 \times 7$ on S.W.

slope for cor. to Sec. 31 & 32

Pine 20 in di brs N. 73° W. 34 lbs dist

" 22 " " N. 38° E. 22 " "

Land: Surface rolling; soil
2nd 3rd and 1st rate; heavy timber
on N. $\frac{1}{2}$ mile on E. $\frac{1}{2}$ mile

Scattering. Pine Tamarack and

Fir: Occasional dense young
timber underbrush

First Standard Parallel South
S. Bound. of Township No. 5 South Range 30 East
Willamette Meridian, Oregon.

East on a true line along the
South Boundary of Sec. 32

va. $21^{\circ} 15'$ East

rolling

40.00 Set basalt Stone $18 \times 12 \times 8$ on

S.W. Slope for $\frac{1}{4}$ Sec. cor.

Pine 18 in di. brs; N. 52° W. 80 lks. dist.

" 12 " " " S. 50° E 54 " "

80.00 Set Basalt stone $20 \times 10 \times 8$ on

East Slope for cor to sec.

32 and 33

A Fir 15 in di. brs. N. 52° W. 70 lks. dist;

" Pine 12 " " " N. 17° E 62 " "

Land: Surface rolling; Soil
2nd and 3rd rate; heavy timber
with occasional open glades

Pine, Tamarack & Fir. Some
young timber underbrush
Tamarack & Fir

First Standard Parallel South 6122
S. Bournel of Township No. 5 South Range 30 East
Willamette Meridian, Oregon.

Cast on a true line along the South
Boundary of Sec. 33

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

40.00 Set pine post on level for
 $\frac{1}{4}$ Sec. cor.

Fir 12 in. di. brs. N. 5° E 24 lks. dist.
Tamarack. 8 " " " S. 5° E. 33 " "

80.00 Set Pine post on level for
Cor. to Sec. 33 and 34

Tamarack. 10 in. di. brs. N. 38° W. 10 lks. dis.

Fir 5 " " " N. 31° E 19 " "

Land: Surface rolling; soil 2nd
and 3rd rate; heavy timber
with open glades. Pine. Fir
Tamarack. & occasional spruce
Mostly open, only a little
underbrush

613
First Standard Parallel South
S. 1st of Township No. 5 South Range 30 East -
Willamette Meridian, Oregon.

East on a true line along the
South Boundary of sec. 34
Va. $21^{\circ} 45'$ East -

4,000 Set basalt stone $15 \times 10 \times 5$ on
slight south slope for $\frac{1}{4}$ sec. cor
Fir 10 in di brs. N. 51° W. 15 lks dist
" 24 " " " S. 8° W. 23 " "

8,000 Set Basalt Stone $15 \times 12 \times 4$ on
level for cor. to Sec. 34 & 35
Pine 20 in di brs. N. 36° E 168 lks dist
A tree on N. W. raised mound of
stone three feet in diam; & 18 in
high around cor

Land: surface rolling; Soil
2nd & 3rd rate; Mostly heavy
timber, some scattering, occa-
sional open glades, Pine, Fir
and Tamarack; a few
places of young timber
underbrush

First Standard Parallel South
S. Boundary of Township No. 5 South Range 30 East
Willamette Meridian, Oregon.

614²

East on a true line along the
South Boundary of Sec. 35
Pa. $19^{\circ} 30'$ East—

4000 Set basalt stone $16 \times 8 \times 7$ on
S.E. slope for $\frac{1}{4}$ Sec. cor.

Pine 18 in. di. brs. N. 10° W. 43 lbs, dist.

" 24 " " " S. 28° E, 61 " "

Steep descent

8000 Set Basalt Stone $20 \times 8 \times 4$ on ³⁰⁰
S.E. side of rocky point for
cor. to Sec 35 and 36

Fir 16 in di. brs N. 44° E, 50 lbs dist
No tree on N.W. raised mound of
stone around corner.

Land: surface very broken,
soil 2nd & 3rd rate; Mostly very
heavy timber. Scattering in
places, Tamarack Fir & Pine,
dense young Pine Tamarack
and Fir under brush on
 $\frac{6}{10}$ mile Sep. 6th 1880

First Standard Parallel South
S. Bound. of Township No. 5 South Range 30 East
Willamette Meridian, Oregon.

Cast on a true line along the
South Boundary of Sec. 36
Va. $14^{\circ}00'$ East -

along North face of bluff

4000 Set Tamarack post on N.E. face of
bluff for $\frac{1}{4}$ Sec. cor.

Pine 8 in. di. brs. N. 24° W. 19 lks. dist.

Fir 6 " " " S 52° W. 11 " "

68.00 Creek 30 lks. wide co. S.E. - 300.

8000 Set Basalt Stone $17 \times 12 \times 6$ on + 80

South face of bluff for cor.

to Townships 5 South Ranges
30 and 31 East

A Pine 8 in. di. brs. N. 48° W. 107 lks. dist

" " 22 " " " N. 71° E. 128 " "

Land: Surface very broken: soil

3rd rate part worthless. Mostly

heavy timber Tamarack Fir

and Pine. Some open glades

Much dense young growth of
timber underbrush

FINAL AFFIDAVIT OF ASSISTANTS.

We hereby certify that we assisted

George S. Pershin

Deputy Surveyor, in surveying

the *1st Standard Parallel on South Boundaries of Township**5 South & Range 27 28 29 30 31 32 & 33. East* 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.*Ernest Boyer* Chainman.*Rufus M. Morgan* Chainman.

Chainman.

Sterling P. Harvey Axeman.

Axeman.

STATE OF OREGON,

County of *Umatilla*Subscribed and sworn to before me, this *21st*day of *September* 18 *89**A Mallory*
Justice of the Peace

OATH OF CHAINMEN.

We,

.....Chainmen, hereby certify and solemnly swear that we have carefully and faithfully chained all the lines of the surveys shown by the annexed diagram of township.....

....., and that the measurements of the same, as determined by us, are correctly recorded thereon.

We further certify that the chains used by us in the aforesaid surveys were daily compared and corrected by standard measure ; that all distances have been obtained by horizontal measurements, and that we have in all other respects discharged our duties in accordance with legal instructions.

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

.....188.....

OATH OF AXMEN AND MOUNDMEN.

We,

.....axmen and moundmen, in the survey of.....of....., hereby certify and solemnly swear that we have carefully and faithfully marked all the true lines and corners of the said surveys upon which measurements are shown upon the diagram hereto attached, in accordance with instructions and the requirements of the surveying manual.

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

.....188.....

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FINAL OATH OF DEPUTY SURVEYOR.

I, George S. Pershvin

United States Deputy Surveyor, do solemnly swear that I have, in my own proper person, and with the necessary assistance, well, truly and faithfully executed the

surveys of the 1st standard Parallel south on south boundaries of Townships 5 S. R. 27. 28. 29. 30. 31. 32. & 33 East

under my contract with James C Tolman, United States Surveyor-

General for Oregon, No. 362, bearing date August 2nd

1880; that in making the said survey I have used only such instruments as were approved by the said Surveyor-General, exercising due care in the preservation of adjustments of the same; that in using the solar compass I have at no time projected established lines depending for alignment upon the magnetic needle; that I have in all respects complied with the laws of the United States governing public-land surveys, the surveying manual, and such additional instructions as have been furnished me by and through the said Surveyor-General relating to the aforesaid survey; that I have thoroughly acquainted my assistants in the field with the nature of their duties under the laws and instructions above mentioned; that to the best of my knowledge and belief all assistants so employed have likewise obeyed the aforesaid laws and instructions, and that the annexed field-notes are the original, true and correct returns of the said surveys.

George S. Pershvin
Deputy Surveyor.

Subscribed and sworn to before me, this 17th day of September 1880

James C Tolman
Surveyor General

I -----
 Deputy Surveyor, do solemnly swear that in pursuance
 of a contract with -----
 U. S. Surveyor General of the State of Oregon, bearing
 date the ----- day of ----- 18 -----,
 and in strict conformity with the Printed Manual of
 Instructions, and the instructions given me by the Sur-
 veyor General, I have faithfully surveyed the -----
 ----- lines of Township

 ----- aforesaid, and do
 further solemnly swear that the foregoing are the true
 and original field notes of such survey.

 Deputy Surveyor.

STATE OF OREGON, }
 County of ----- }

Subscribed and sworn to before me, a -----
 ----- in and for the said County
 and State, this ----- day of ----- 18 -----

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Office U. S. Surveyor General,

Portland, Oregon, *Sept. 17* 1880

The foregoing Field Notes of the survey of *the*
1st Standard South, through Ranges
27, 28, 29, 30, 31, 32 and 33 East Willamette
Meridian Oregon
executed by *George S. Pershin U.S. Deputy*
Surveyor under his contract No. *362*
dated *August 2^d* 1880, 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.