

FIELD NOTES

Of the survey of the Explorer Boundary

Lines of Townships 4 & 5 South Range 31 East

Willamette Meridian, Oregon,

Executed by George S. Pershin

U. S. Deputy Surveyor, under his contract No. 373

dated Sept - 17, 1880

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

William Gradon Chainman.

Olin W. Kosford Chainman.

----- Chainman.

Francis S. Lettenger Axeman.

----- Axeman.

----- Flagman.

PRELIMINARY OATHS OF ASSISTANTS:

We, William Gradon and
Olin W. Hosford

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.

William Gradon Chainman.

Olin W. Hosford Chainman.

----- Chainman.

Subscribed and sworn to before me, this -----

day of 27 Sept 1880

Warren Clark

Justice of the Peace

J Frank S. Pittenger and

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.

Frank S. Pittenger Axeman.

----- Axeman.

Subscribed and sworn to before me, this first -----

day of October 1880

George S. Pershwin
A U S Dep. Sur.

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Referring the Lines to the pages of the Field Notes.

Town. *No. 5 South* Range *31 East* Will. Mer.

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<i>2</i>	7	8	9	10	11	12	<i>12</i>
<i>3</i>	18	17	16	15	14	13	<i>11</i>
<i>4</i>	19	20	21	22	23	24	<i>10</i>
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Exteriors of Township No. 5 South Range 31 East
Willamette Meridian, Oregon.

I begin at the Stone the corner-
to Townships 5 South Ranges
30 and 31 East on 1st Stan-
dard parallel South

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

" " 22 " " " N. 71° E. 128 " "

Corner in good repair. - A stone

17 x 12 x 6 in. mound of stone

And with Beurt's Improved
Solar Compass. - Young of
Philadelphia maker - I run
north on the West Boundary of Sec. 31

ba. 21° 00' East

Steep ascent -

23.00 On creek bluff. co. S. E. & N. W. +600

38.00 Enter timber co. S. E. & N. W.

40.00 Set basalt stone 20 x 14 x 8 on

slight N. W. slope for 1/4 sec. cor.

A Pine 22 in. di. brs. East 68 lbs dist

" " 36 " " " S 48° W. 58 " "

Exterior lines of Township No. 5 South Range 31 East -
Willamette Meridian, Oregon.

North on the East Boundary of Sec. 36
ca. 17° 45' East

Cor. a stone 22 x 11 x 8 & post in mound of
stone & Pine 42 in. di. br. N. 52° E 150 lbs dist

4000 Set basalt stone 14 x 12 x 10 on N.E.
slope for 1/4 Sec. Cor.

A Pine 14 in di. br. N. 24° E. 46 lbs, dist.
" " 6 " " N. 67° W. 96. " "

72.50 A Ravine opens N.W. -120

8000 Set Basalt Stone 20 x 14 x 6 on
S.W. face of bluff for cor to
Sec. 25, 36, 30 & 31 - also post
in mound of stone - no trees near

Land: surface undulating and
rolling: Soil 2nd & 3rd rate
Some scattering groves of Pine
& Fir timber. good grass
A small part good farming
land

FINAL AFFIDAVIT OF ASSISTANTS.

We hereby certify that we assisted George S.

Pershin Deputy Surveyor, in surveying

the Exterior lines of Township N. 4 and
5 South Range 31 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.

William Gradon Chainman.

Olin Hosford Chainman.

Chainman.

Francis S. Pittenger Axeman.

Axeman.

STATE OF OREGON,
County of Umatilla }

Subscribed and sworn to before me, this 30th
day of October 1880

George S. Pershin
A. W. S. Dep. Sur.

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Diagram of T. No 5 South R. 31 East

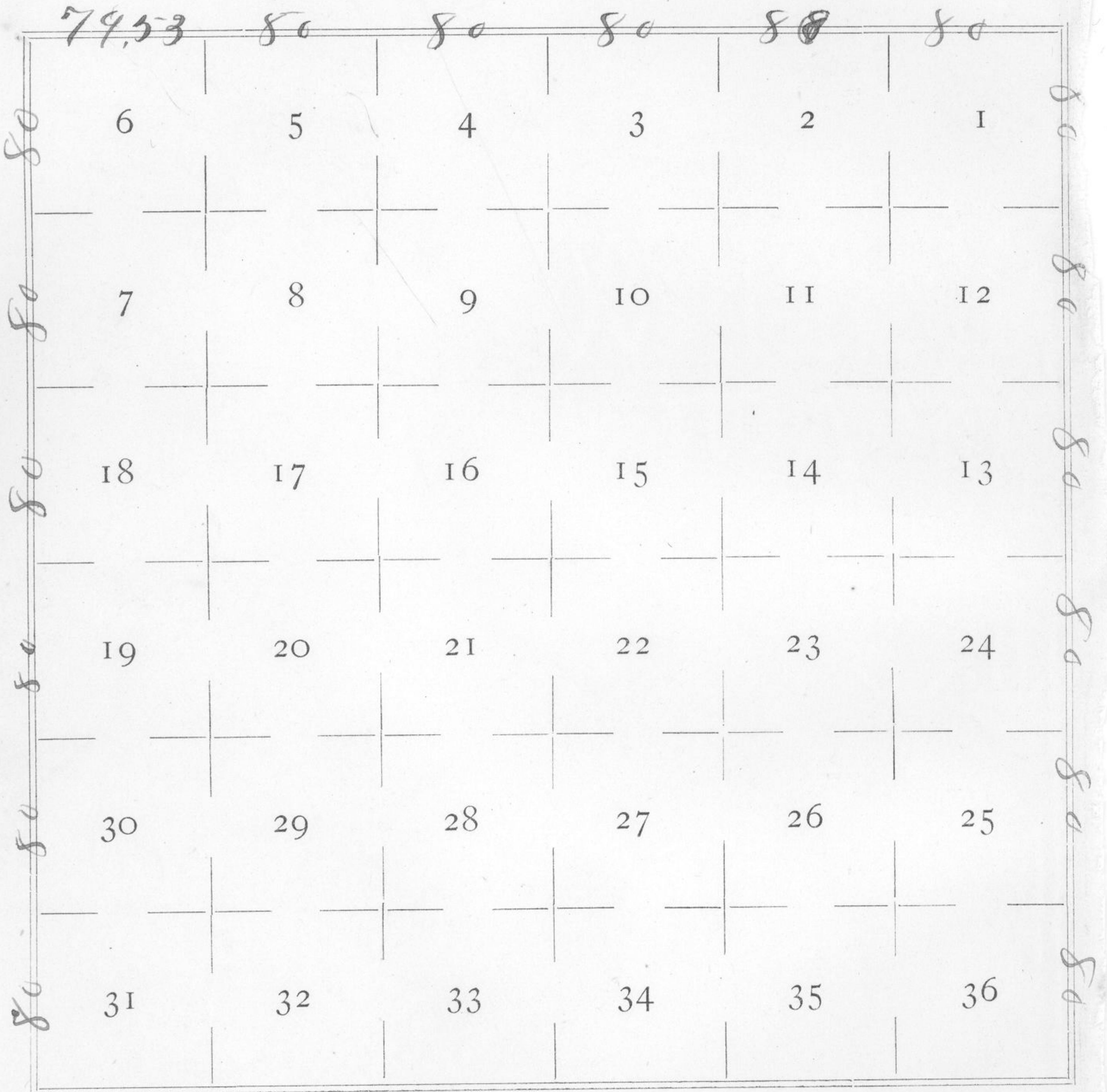
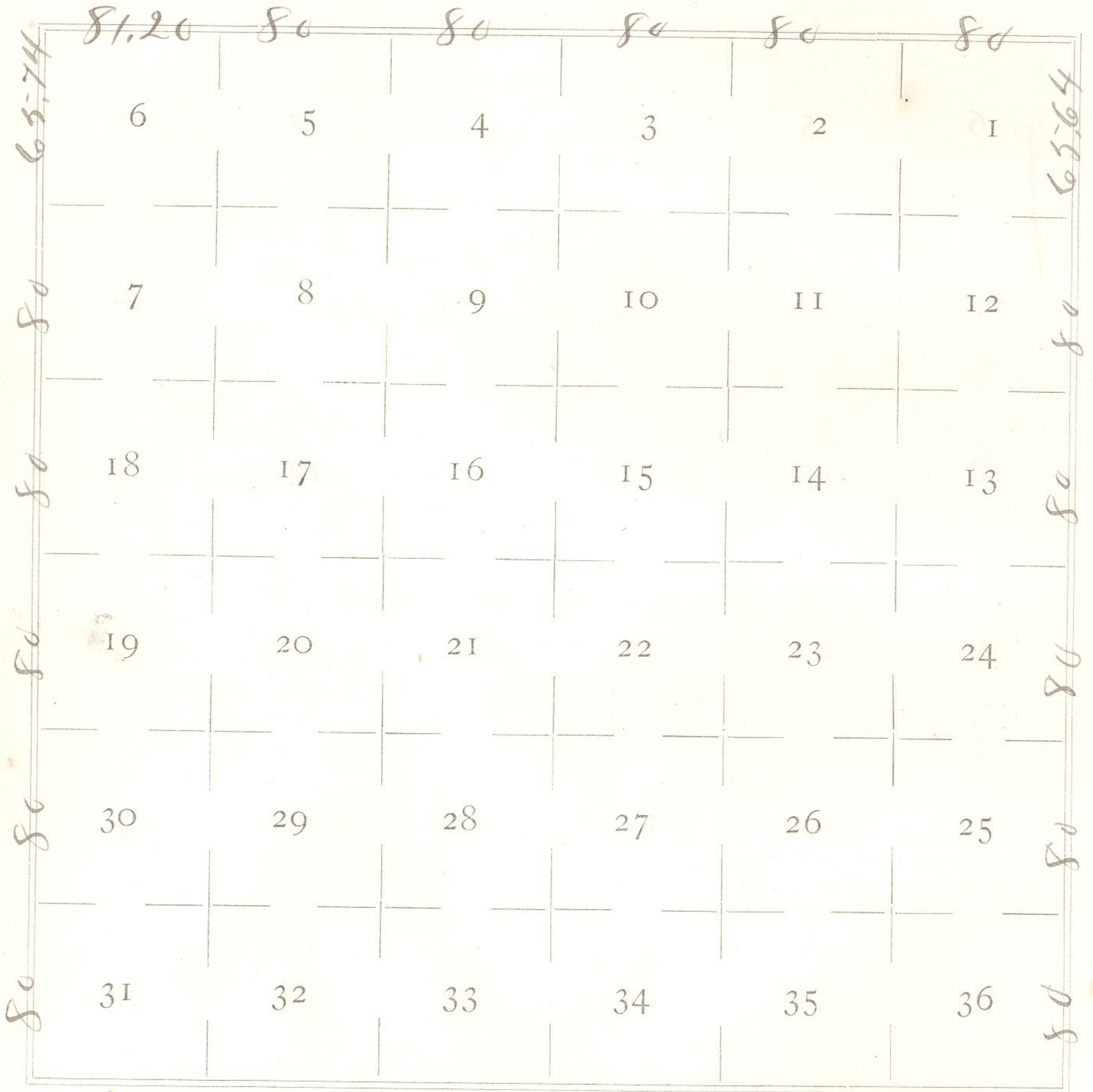


Diagram of T. R.

6	5	4	3	2	I
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Diagram of T. No 4 South R. 31 East



OATH OF CHAINMEN.

We, William Gradon and
Olin W. Hosford 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 485 South Range
31 East, 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.

William Gradon

Olin Hosford

Subscribed and sworn to before me, this thirtieth day of

October

1880

George S. Pershin
A. W. S. Dep. Sur.

OATH OF AXMEN AND MOUNDMEN.

We, Francis S. Pittenger
 axmen and moundmen, in the
 survey of Exteriors of Townships 485 S. R. 31 East,
 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 require-
 ments of the surveying manual.

Francis S. Pittenger

Subscribed and sworn to before me, this thirtieth day of

October

1880

George S. Pershin
A. W. S. Dep. Sur.

OATH OF CHAINMEN

FINAL OATH OF DEPUTY SURVEYOR.

I, George S. Pershin
 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
Exterior boundary surveys of Townships
4 & 5 South Range 31st East under my contract with
James C Tolman, United States Surveyor-
 General for Oregon, No. 373, bearing date September
17th 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 preser-
 vation 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 afore-
 said laws and instructions, and that the annexed field-notes are the original, true
 and correct returns of the said surveys.

George S. Pershin

Deputy Surveyor.

Subscribed and sworn to before me, this Nov 16 day of

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-----

Office U. S. Surveyor General,

Portland, Oregon, *Nov. 17* 18*80*

The foregoing Field Notes of the survey of *the*
Exterior bdy. lines of Townships
48.5 S. Range 31 E. Will. Merid
Ogn

executed by *George S. Perchin U.S.*

Dep. Sur. under his contract No. *373*

dated *Sept 17* 18*80*, 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.