

FIELD NOTES

Of the survey of the *Exterior and Subdivisional*
 Lines of *Township 2 South,*
Range 32 East, Willamette Meridian,
 Oregon, as surveyed by *Jno. C. Arnold,*
 U. S. Deputy Surveyor, under his Contract No. *551*
 dated *March 19th*, 1890.

Survey commenced *September 28th*, 1891
 Survey completed *October 5th*, 1891

NAMES AND DUTIES OF ASSISTANTS.

George E. Waggoner, Compassman.

Jacob C. Hill, Chainman.

Clarence A. Hall, Chainman.

....., Chainman.

....., Chainman.

Isaac W. Kimball, Axeman.

....., Axeman.

....., Flagman.

PRELIMINARY OATHS OF ASSISTANTS.

We, *Jacob C. Hill and Clarence A. Hall*

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 and subdivisional

.....lines of *Township 2 South*

Range 32 East Willamette Meridian, Oregon.

Jacob C. Hill, Chainman.

Clarence A. Hall, Chainman.

....., Chainman.

....., Chainman.

Subscribed and sworn to before me, this *twelfth*

day of *September* 189*1*

[SEAL.]

W M Pierce
County Clerk

We, *I Isaac W. Kimball* 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 ~~me~~ and to the best of ~~our~~ skill and

ability, in the survey of the *Exterior and subdivisional lines*

of Township 2 South Range 33 East Willamette Meridian, Oregon.

I W Kimball, Axeman.

....., Axeman.

Subscribed and sworn to before me, this *twelfth*

day of *September* 189*1*

[SEAL.]

W M Pierce
County Clerk

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Subdivisions of T. 2 South R. 32 East.

Willamette Meridian, Oregon.

- 25.00 Sum. of Ridge falls W. - Descend $20^{\circ} + 1000'$
 40.00 Set a basalt stone $14 \times 8 \times 6$ ins. 10 ins.
 in ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$
 on W. face; dug pits $18 \times 18 \times 12$ ins. N. & S.
 of cor. $5\frac{1}{2}$ ft. dist., and raised a md. of
 earth 2 ft. h. \times $4\frac{1}{2}$ ft. b. over cor. on E. hill
 side.
 50.90 Pole fence, bears E. & W.
 80.00 The cor. to secs. 29-30-31-32.
 Sand mntns. 80.00 chs. + Soil 4th rate.
 No timber, nor brush - Good grass.
 Oct. 4th 1891.

West on a random line bet. secs. 30 & 31
 Va. $20^{\circ} 05' E$.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 " " cor. to secs. 25-30-31-36.

Finding no traces of any old cor.,
 I commence at S.W. cor. to this Sp.,
 which is a post 4×4 ins. 24 ins.

Subdivisions of T. 2 South R. 32 East

Willamette Meridian, Oregon.

(8093-10 M.)

above ground, marked R31S36 on
N.W. face - no other visible marks
in md. of earth $1\frac{1}{2}$ ft. h. x 4 ft. b. on N.
hill side 200 lks E. of a ravine, N.E.
Thence I run

North on W. bndy of sec. 31 - Descend
va. $18^{\circ} 45' E$

21.00 Stanley Creek Canon N. $75^{\circ} W$. Ascend.

40.00 Septemp $\frac{1}{4}$ sec. cor.

79.96 Int E. & W. line 25 lks. East of cor.
to secs. 25-30-31-36. on W. bndy. of Tp.,
which is a basalt stone $18 \times 15 \times 10$ ins.
lying loose on ground on W. slope,
marked 5 notches on 1 edge.

I raised a md. of stone 2 ft. h. x
4 ft. b. over this stone, which I first
set 12 ins. in ground, with the 5
notches on N.

Thence I run Descend.
North on W. bndy of sec. 30.
va. $18^{\circ} 45' E$.

Subdivisions of T. 2 South R. 32 East.
Willamette Meridian, Oregon.

- 0.64 Temp. cor. to secs. 25-30-31-36, bears East 200 lks. dist.
- 5.00 Foot of descent
- 19.20 Stanley creek 6 lks. W., runs N 15 E.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.,
- 80.00 Int. E. & W. line 10 lks. E. of cor. to secs. 19-24-25-30 which is a basalt stone $24 \times 15 \times 8$ ins. about 12 ins. in ground, marked 4 notches on N. edge. There appears to have been a stone md. here, but washed away. I made md. of stone 2 ft. h. \times $3\frac{1}{2}$ ft. b. over the stone. Thence I run Ascend. 10° North on W. bndy. of sec. 19. $\text{va. } 18^\circ 00' \text{ E.}$
- 30.00 Sum. of ridge falls E. - Descend +200'
- 40.00 Set temp $\frac{1}{4}$ sec. cor.
- 80.00 Finding no trace of old cor., I set a basalt stone $14 \times 12 \times 6$ ins. 10 ins. in ground for cor. to secs. 13-18-19-24

Subdivisions of T. 2 South R. 32 East.

Willamette Meridian, Oregon.

(8093-10 M.)

marked 3 notches on N + S edges, and raised a md of earth and stone 2 ft. h. x 3 1/2 ft. b. over cor., about 750 lks. S. of Stanley creek.

Thence I run

East on a line bet. secs. 18 + 19.

va. 17° 30' E.

7.00 Benj. Askell's house bears S. 150 lks. dist.

8.50 Stanley creek 5 lks. W. N. 30° W. - Ascend 20°

40.00 Set temp 1/4 sec. cor.

80.00 " " cor. to secs 17-18-19-20.

7 Finding this line in some dispute and the original cor. to above described sections gone, I commence

at cor. to secs 29-30-31-32,

Thence I run on random line

North bet. secs. 29 + 30 - Descend.

va. 20° 05' E

40.00 Set temp 1/4 sec. cor.,

80.00 " " cor. to secs. 19-20-29-30

FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by Jno. C. Arnold, 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 and Subdivisional lines of Township 2 South Range 32 East Willamette Meridian, Oregon, showing the respective capacities in which they acted:

- George E. Waggoner, Compassman.
- Jacob C. Hill, Chainman.
- Clarence A. Hall, Chainman.
-, Chainman.
-, Chainman.
- Isaac W. Kimball, Axeman.
-, Axeman.
-, Flagman.

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted Jno. C. Arnold, U. S. Deputy Surveyor, in surveying all those parts or portions of the Exterior and Subdivisional lines of Township 2 South Range 32 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.

- G. E. Waggoner, Compassman.
- Jacob C. Hill, Chainman.
- Clarence A. Hall, Chainman.
-, Chainman.
-, Chainman.
- J. W. Kimball, Axeman.
-, Axeman.
-, Flagman.

Subscribed and sworn to before me, this twenty eighth day of November 1891

[SEAL.] W. M. Pierce
County Clerk

FINAL OATH OF DEPUTY SURVEYOR.

I, John C. Arnold
United States Deputy Surveyor, do solemnly swear that in pursuance of

instructions received from Douglas W. Taylor

U. S. Surveyor General for Oregon, bearing date of Nineteenth

day of March 1890, 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 The Exterior and Subdivisional

lines of Township 2 South Range 32 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.

John C. Arnold
U. S. Deputy Surveyor.

Subscribed and sworn to before me, this twenty eighth

day of November 1890

W M Pierce
County Clerk
Umatilla County
Oregon

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Office U. S. Surveyor General,

Portland, Oregon, *September 20* 1892.

The foregoing Field Notes of the Survey of the
Subdivisions of Township No 2 South, Range
No 32 East Willamette Meridian Oregon

executed by *John C. Arnold* U.S. Deputy Surveyor
under his contract No. *557*, dated *March 19,*

1890, having been critically examined, the
necessary corrections and explanations made, the said Field
Notes and the survey they describe, are hereby approved.

W. Henry Byars
Surveyor General.