

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, *J. 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 32 East Willamette Meridian, Oregon.

J. 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.

South on a random line bet. secs. 35 & 36.

va 22° 00' E

40.00 Set temp. 1/4 sec. cor.

80.00 Int. S. body. of Tr. at cor. to secs 1-2-35 & 36, which is a basalt stone 20 x 15 x 10 ins. lying on the ground, - no visible marks nor mound, from which a pine 30 ins. dia. bears N E 30 lks. dist, marked T2 SR 32 E & 36 BT - a pine 24 ins. dia. bears N. 17° W. 63 lks. dist, marked T2 SR 32 E & 35 BT - No other trees found marked or blazed.

Thence run

North on true line bet. secs 35 & 36.

va. 21° 00' E.

Ascend through timber

22.50 Sum. of ridge. falls N.W. - Descend 15 - 150

33.50 Cañon, running water 4 lks W. course N 65 W - 700

40.00 Set a basalt stone 16 x 8 x 4 ins. 12 ins. in ground for 1/4 sec. cor., marked 1/4

Subdivisions of T. 2 South R. 32 East.

Willamette Meridian, Oregon.

40.00 Set temp. $\frac{1}{4}$ sec. cor.79.76 Int. S. bndy. of Tp. 50 lks. west of cor. to secs. 2-3-34-35, which is a basalt stone $18 \times 10 \times 6$ ins.

marked 2 notches on E, and 4 notches on W. face, from which a pine 5 ins. dia. bears $N. 70^\circ E.$ 40 lks. dist. marked T2SR32E S35BT. - A pine 6 ins. dia. bears $N. 5^\circ W.$ 76 lks. dist., marked T2SR32E S34BT.

Thence I run Descend
 $N. 0^\circ 22' W.$ on true line bet. secs. 34+35
 va. $20^\circ 00' E.$

12.00 Canon, - water course $N. 30^\circ W.$ - Ascend. - 100'17.00 Sum. of Ridge falls. $N. 30^\circ W.$ - Descend.19.00 Ravine, course $N. W.$ - Ascend - 300'

21.50 Leave timber.

39.76 Set a basalt stone $18 \times 10 \times 4$ ins. 8 ins. in ground (digging imprac.) for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, and raised

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Subdivisions of T. 2 South R. 32 East

Willamette Meridian, Oregon.

(8093-10 M.)

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.35 Int. S. bndy. of Tp. 50 lks. W. of cor. to sees. 3-4-33-34, which is a mound of stone $1\frac{1}{2}$ ft. h x $3\frac{1}{2}$ ft. b. (no marked stone or post visible) from which a pin 23 ins. dia. bears S. 10° W. 30 lks. dist. marked T3S R32E S4B5. A pin 32 ins. dia. bears S. 40° E. 90 lks. dist. marked T3S R32E S3B5. - I set a basalt stone $12 \times 10 \times 5$ ins x 8 ins in ground in center of stone md. described, marked 3 notches on E. and 3 notches on W. edge

Thence I run,

N. $0^{\circ} 21\frac{1}{2}'$ W. on true line bet. sees. 33 + 34.Ra. $21^{\circ} 30' E.$

Ascend.

- 5.35 Sum. of Ridge. falls N. W. - Descend $15^{\circ} + 200'$
 23.35 Ravine course W. - Ascend $18^{\circ} - 150'$
 34.35 Sum. of Ridge. falls N. 35° W. - Descend $20^{\circ} + 600'$

Subdivisions of T. 2 South R. 32 East 115
 Willamette Meridian, Oregon.

- 39.35 Set a basalt stone $12 \times 9 \times 5$ ins. 8 ins. in ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, and raised a md. of stone 2 ft. h. \times $3\frac{1}{2}$ ft. b. over cor., on N.W. face of hill. Pits impracticable; from which a pine 26 ins. dia. bears S. E. 65 lks. dist., marked $\frac{1}{4}$ S. B.T. - no other tree in limits.
- 65.60 Saw Mill Creek 6 lks. W. runs west - Ascend 30°
- 73.35 Leave timber.
- 79.35 The cor. to secs. 27-28-33-34.
 Sand mtns. 79.35 chs. - Soil stony 4" rate.
 Timber pine, fir & tamarack 73.35 chs
 Undergrowth of same timber, 20.00 chs
 Good grass.

Oct. 2. 1891.

West bet. secs. 28 & 33 - Ascend.

va. $20^\circ 30' E$.

27.00 Sum. falls S.W. - Descend $20^\circ + 900'$

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Subdivisions of T. 2 South R. 32 East

Willamette Meridian, Oregon.

(8093-10 M.)

40.00 Set a basalt stone $16 \times 12 \times 6$ ins. 8 ins. in ground (digging imprac.) for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on n. face; raised a md. of stone 2 ft. h. \times 4 ft. b. over cor., pits impracticable. No traces of any other cor. at this place.

43.00 Ravine, course S.W. - ascend 10° - 15° .

53.00 Sum. of Ridge, falls S. 30° W. - Descend 20° + 100

80.00 Set a basalt stone $14 \times 10 \times 5$ ins. 10 ins. in ground for cor. to secs. 28-29-32 & 33, marked 4 notches on E. edge & 1 notch on S. face; dug pits $18 \times 18 \times 12$ ins. in each sec. cor., $5\frac{1}{2}$ ft. dist., and raised a md. of earth 2 ft. h. \times 4 ft. b. alongside, from which a Quaken asp 8 ins. dia. bears N. 32° W. 250 lks. dist., marked T2SR32E S29BT. - No other tree in limits. No traces of any other cor. at this place.

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

Sand mntns, 80.00chs. - Soil stony 4" pate.
Scattering timber, pine, fir + Quakenasp.
No undergrowth - Good grass.

South on a random line bet. secs 32 + 33.
va. $20^{\circ}40' E$

40.00 Set temp. $\frac{1}{4}$ sec. cor.,

80.50 Int. S. body. of Tr. 6 links west of cor.
to secs. 4-5-32-33, which is a basalt
stone $18 \times 14 \times 4$ ins, loose, in md. of stone
 $1\frac{1}{2}$ ft. h. x $3\frac{1}{2}$ ft. b., marked 4 notches
on E and 2 notches on W. edges

Thence I run,

$N. 0^{\circ} 02\frac{1}{2}' W.$ on true line bet. secs. 32 + 33

va. $22^{\circ} 00' E.$

7.50 Enter timber.

12.50 Gulch, course W. - Ascend -200'

13.00 Leave timber.

25.50 Sum. of Ridge. falls W. - Descend $25^{\circ} + 900'$

26.00 Wagon Road bears N.W. + S.E.

Subdivisions of T. 2 South R. 32 East

Willamette Meridian, Oregon.

(8093-10 M.)

80.00 Set a basalt stone $14 \times 8 \times 6$ ins. 8 ins. in ground (digging imprac.) for cor. to secs. 29-30-31-32, marked 1 notch on S. face, and 5 notches on E. edge, and raised a mb. of stone $1\frac{1}{2}$ ft. h. \times $3\frac{1}{2}$ ft. b. over cor., on E slope. - Pits impracticable.
 Timber pine fir & tamarack 22.00 chs
 Undergrowth of same 4.00 chs. - Good grass.
 Soil stony 5" rate.

South on a random line bet. secs. 31 + 32.
 Va. $20^{\circ} 05' E$.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Int. S. bndy. of Tp. at cor. to secs. 5-6-31-32, which is a basalt stone $18 \times 12 \times 8$ ins. 4 ins. in ground, marked 5 notches on E and 1 notch on W. ^{edges} in md. of stone $1\frac{1}{2}$ ft. h. \times 3 ft. b. on S. hillside.

Thence run Ascend
 North on true line bet. secs 31 + 32

Va. $24^{\circ} 00' E$

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, accord-
 ing 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..... 189*1*.....

[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* 189*0*, 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* 189*0*

W M Pierce
County Clerk
Wasatch 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.