

FIELD NOTES

Of the survey of the Subdivisional
 Lines of Township 4 South
Range 34 East of, Willamette Meridian,
 Oregon, as surveyed by Rufus S. Moore
 U. S. Deputy Surveyor, under his Contract No. 451
 dated June 12th, 1882

Survey commenced, Dec. 6th 1882

Survey completed, Dec. 16th 1882

NAMES AND DUTIES OF ASSISTANTS.

....., Compassman.

James Gettridge, Chainman.

John Gettridge, Chainman.

....., Chainman.

....., Chainman.

Joe Parodi, Axeman.

....., Axeman.

....., Flagman.

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PRELIMINARY OATHS OF ASSISTANTS:

We, _____

*James Guttridge and
John Guttridge*

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 _____

Subdivisional lines of *Township 4 South*
Range 34 East of *Willamette Meridian, Oregon.*

James Guttridge, Chainman.

John Guttridge, Chainman.

_____, Chainman.

_____, Chainman.

Subscribed and sworn to before me, this _____

Fifteenth

day of _____

August

1882

[SEAL.]

Rufus D. Moore

Notary Public

We, _____

Joe Parodi

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 us, and to the best of our skill and ability,

in the survey of the _____

Subdivisional lines of
Twp. 4 South Range 34 E, of Willamette Meridian, Oregon.

Joe Parodi, Axeman.

_____, Axeman.

Subscribed and sworn to before me, this _____

Fifteenth

day of _____

August

1882

[SEAL.]

Rufus D. Moore

Notary Public

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T. *4 South* R. *34 East.* Will. Mer.

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Meanders of _____ Pages _____ to _____

Subdivision of T. 4 South R. 34 East 651
Willamette Meridian, Oregon.

Preliminary to commencing this
Survey I ran North on a blank
line on the East boundary of
Sec. 36 and at 39.96 ch I found
the $\frac{1}{2}$ sec. cor. and at 79.96 ch I
found the Sec cor. and as the
South boundary of the township
was run with the same Compass
and Assesants I did not rerun
it. My Compass well therefore
ran the same line as the
Exterior Boundaries, and the
Chaining practically agrees
Survey Commenced December 5th - 1882
with a Beerts Solar Compass
I commenced at the cor. to sec.
1, 2, 35 + 36 on the South boundary
of the township, which is a Basalt
Stone $14 \times 12 \times 6$ $\frac{1}{2}$ 10 in in ground
with a mound of stone alongside
marked with 1 notch on E and 5 notches
on W. edges, I ran

652

2

Subdivision of T. 4 South R. 34 East

Willamette Meridian, Oregon.

North between Secs 35 & 36

Tr. $20^{\circ}30'$ East

10,000 Leave Prairie and enter timber near
E & W

40.00 Set a basalt stone $13 \times 12 \times 5$ ins
in ground for $\frac{1}{4}$ sec cor. marked
 $\frac{1}{4}$ on W. face. from which

A Mountain Mahogany 8 ins. in dia.
bears $N54^{\circ}E$ 24 lb. dist. marked $\frac{1}{4}$ D
B F

A pine 10 ins. in dia. bears $S52^{\circ}W$ 6 lb.
dist. marked $\frac{1}{4}$ D B F

43.00 Descend point of hill bears E & W

59.75 Dry ravine course W.W. 300 ft.
below point of descending hill

80,000 Set a Basalt stone $14 \times 12 \times 5$ ins.
in ground for cor. to sec. 25. 26.
35 & 36 - 100 ft. below ravine,
marked - with 1 notch on S and E
edge. from which

A pine 9 ins. in dia. bears $N23^{\circ}E$ 55 lb.
dist. marked - T 4 S R 34 E D 25 B F

Subdivision of T. 4 South R. 34 East 653
 Willamette Meridian, Oregon.

- A pine Tins. in dia. bears $N42^{\circ}W$ 24 lks. dist.
 marked - T 4 S R 34 E S 26 B J
- A pine Tins. in dia. bears $S38^{\circ}W$ 30 lks. dist.
 marked - T 4 S R 34 E S 35 B J
- A tamarack Tins. in dia. bears $S40^{\circ}E$ 17 lks. dist.
 marked - T 4 S R 34 E S 36 B J
- Land high & mountainous
 Soil 2" & 3" rot
 Heavily timbered with pine, tamarack
 and fir 70 chs. and some undergrowth
 of ^{kind of wood, with some} ~~some~~ mountain mahogany

Eastward random line between Secs. 25 & 36
 Var. 21° East

- 28.80 Creek 6 lks. wide runs NW
 And Ascend
- 40.00 Set temporary $\frac{1}{4}$ sec. cor. 300 ft
 above creek
- 47.00 Top of hill bears NW & SE 200 ft,
 above $\frac{1}{4}$ sec cor.
- 80.20 Intersect East boundary of the

651

4

Subdivision of T. 4 South R. 34 East
Willamette Meridian, Oregon.

Township 13 lks North of the cor.
to sec. 30, 31, 25 & 36, which is a
post 4 ins sq marked - T 4 S R
35 E S 30 on NE - R 35 E S 31 on
SE - R 34 E S 36 on SW and
S 25 on NW face, with 1 notch
on S and 5 notches on Wedge
from which

A tamarack 12 ins. in dia, bears N 28° E 54 lks.
dist, marked - T 4 S R 35 E S 30 B J

A pine 7 ins. in dia, bears S 89° 30' E 48 lks.
dist, marked - T 4 S R 35 E S 31 B J

A pine 7 ins. in dia, bears S 54° W 34 lks. dist
marked, ~~T 4 S R 34 E~~
S 36 B J

A fir 6 ins. in dia, bears N 43° W 19 lks. dist,
marked - T 4 S R 34 E S 25 B J

Thence I ran

N 89° 54' W on a tree line bet. Sec 25 & 36
T. 21 15 East

40, 10 Set a Basalt Stone 10 x 10 x 6 ^{1/4} ins. in
ground for ¹/₄ sec. cor. marked
¹/₄ on N. face, and raised a

Subdivision of T. 4 South R. 34 East

Willamette Meridian, Oregon.

mound of stone along side -

Pits impracticable

80,20 The cor. to secs. 25, 26, 35 & 36

Land high and mountainous.

Soil 2" & 3" rat

Timber pine tamarack and fir and some undergrowth of same kinds of woods.

North between Secs. 25 & 26

Pa. 21° East

5,50 Creek 100k. wide runs N20°E 40ft. below sec. cor. and ascent

40,00 Set a Basalt Stone 18 x 12 x 7 1/2 x 12 ins. in ground for 1/4 sec. cor. 500ft. above creek, marked 1/4 on W. fac. from which

A pine 5 ins. in dia. bears S62°W 170k. dist. marked 1/4 DB F. and raised a mound of stone along side. Pits impracticable

56,00 Top of hill bears N20°E & S20°W 100ft.

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Subdivision of T. 4 South R. 34 East
 Willamette Meridian, Oregon.

above $\frac{1}{4}$ sec. cor.

80.00 Set a Basalt Stone $16 \times 10 \times 8 \frac{1}{2}$ 11 ins,
 in ground for cor. to sec. 23, 24
 25 & 26, marked with 2 notches on
 S. and 1 notch on E. edges,
 from which

A pine 36 ins. in dia, bears $N 52^{\circ} E$ 41 pk,
 dist, marked T4DR34E D24BF

A pine 22 ins. in dia, bears $N 73^{\circ} W$ 77 pk. dist
 marked - T4DR34E D23BF

A pine 24 ins. in dia, bears $S 27^{\circ} W$ 73 pk. dist
 marked - T4DR34E D26BF

A pine 42 ins. in dia, bears $S 52^{\circ} E$ 31 pk,
 dist, marked - T4DR34E D25BF

Land high and mountainous

Soil 2" & 3" rate.

Timber Scattering pine & tall

—oak

East on a random line bet. Sec. 24 & 25
 Ta. $19^{\circ} 30' E$.

Subdivision of T. 4 South R. 34 East 657
 Willamette Meridian, Oregon.

- 17.00 Descend hill bears W + D
 40.00 Set temporary $\frac{1}{4}$ sec. cor. 500 ft. below
 last sec cor.
 40.50 Foot of hill and enter creek bottom
 bears W + D 10 ft. below $\frac{1}{4}$ sec. cor.
 41.62 Creek 100 ft. wide runs North
 42.20 Ascend hill bears W + D.
 60.00 Top of hill bears W + D 500 ft. above
 creek, and descend gradually
 80.32 Intersect East boundary of the
 township 2.6 blks. North of the cor.
 to sec. 19, 30, 24 & 25 - 150 ft. below
 top of hill, which is a post 4 ins. sq.
 marked - T4 S R35 E S19 on NE
 R35 E S30 on SE - R34 E S25
 on SW and S24 on NW. faces with
 D notches on S and 4 notches on N. edges
 from which
 A pin 14 ins. india. bears N 33° E 108 blks. dist.
 marked T4 S R35 E S19 B J
 A pin 12 ins. india. bears S 45° E 40 blks. dist.
 marked T4 S R35 E S30 B J

658

Subdivision of T. 4 South R. 34 East
Willamette Meridian, Oregon.

A fir 18 ins. in dia. bears S 6° W 38 k. dist,
marked T 4 S R 34 E S 24 B J

Then a Iron

N 89° 49' W on a trusline bet. Dies. 24 & 25
Va, 21° East

40, 16 Set a Basalt stone 14 x 12 x 8 ^{1/4} 10 ins.
in ground for ¹/₄ sec. cor. marked
¹/₄ on W face, from which

A tamarack 34 ins. in dia. bears N 37° E 10 k.
dist, marked ¹/₄ S B J

A fir 6 ins. in dia. bears S 33° E 11 k. dist,
marked ¹/₄ S B J

80, 32 The cor. to secs. 23, 24, 25 & 26

Land high and mountainous

Soil 2" & 3" rate.

Timber Scattering pine, tamarack
and fir.

Good bunch Grass

December 6th 1882

North between Dies. 23 & 24

Va, 19° 30' East

Subdivision of T. 4 South R. 34 East 650
 Willamette Meridian, Oregon.

- 28.00 Descend hill bears $W E \pm S W$
- 40.00 Set a Basalt Stone $14 \times 8 \times 8 \frac{1}{2}$ 10 ins. in
 ground for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on W. face, 300 ft. below top of
 hill, from which
 A pin 8 ins. in dia. bears $N 84^{\circ} E 48$ lks. dist.
 marked $\frac{1}{4}$ D B F
- A pin 32 ins. in dia. bears $N 37^{\circ} W 13$ lks. dist.
 marked $\frac{1}{4}$ D B F
- 44.30 Creek 5 lks. wide runs $W E$ 100 ft. below
 $\frac{1}{4}$ sec. cor.
- 80.00 Set a Basalt Stone $14 \times 14 \times 10 \frac{1}{2}$ 10 ins. in
 ground for cor. to sec. 13, 14, 23 & 24
 marked with 3 notches on D and 1 notch
 on E edge, from which
 A pin 26 ins. in dia. bears $N 59^{\circ} E 73$ lks. dist
 marked, T 4 S R 34 E S 13 B F
- A pin 30 ins. in dia. bears $N 22^{\circ} W 43$ lks. dist.
 marked, T 4 S R 34 E S 14 B F
- A pin 50 ins. in dia. bears $S 37^{\circ} W 33$ lks.
 dist. marked. T 4 S R 34 E S 23 B F
- A pin 36 ins. in dia. bears $S 78^{\circ} E 61$ lks. dist

Subdivision of T. 4 South R. 34 East
Willamette Meridian, Oregon.

marked - T4 S R34 E D24 B J

Land high and mountainous

Soil 2" & 3" rate

Heavily timbered with pine
Tamarack and fir and some
undergrowth of same woods

East on a random line bet. Dec. 13 & 24

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

1,00 Leave timber and enter prairie
bear W. & S.

14,50 Leave prairie and enter timber
bear W. & S.

40,00 Set temporary $\frac{1}{4}$ sec. cor.

50,00 Descend hill gradually bears
N 70° E & S 70° W

80,56 Intersect East boundary of the
township. 49 lks. North of the
cor. to secs. 18, 19, 13 & 24 - 150 ft
below $\frac{1}{4}$ sec cor. which is a post
4 mo. sq. marked - T4 S R. 35 E D18

Subdivision of T. 4 South R. 34 East
Willamette Meridian, Oregon.

on NE R 35 E S 19 on DE

R 34 E S 24 on DW and S 13 on
NW. faces, with 3 notches on W,
& S edges, from which

A White fir 9 ins. in dia. bears S 20° E 8 lk.
dist. marked - T 4 S R 35 E S 19 B F

A Spruce 14 ins. in dia. bears N 23° E 28 lk.
dist. marked. T 4 S R 35 E S 18 B F

An Alder 3 ins. in dia. bears S 77° W 17 lk.
dist. marked. T 4 S R 34 E S 24 B F

An Alder 4 ins. in dia. bears N 84° W 16 lk.
dist. marked T 4 S R 34 E S 13 B F

Thence I ran

N 89° 39' W on a true line bet. Secs. 13 & 24
Var. 2' 10" East

4028 Set a Basalt Block 15 x 8 x 7 1/2 ins.
in ground for 1/4 sec cor. marked
1/4 on W. face, from which

A pine 6 ins. in dia. bears S 53° E 56 lk. dist.
marked 1/4 S B F

A pine 24 ins. in dia. bears N 52° W 86 lk. dist.
marked 1/4 S B F

662 Subdivisions of T. 4 South R. 34 East
Willamette Meridian, Oregon.

80.56 The cor. to secs. 13, 14, 23 & 24

Land mountainous and rolling

Soil 2" rate

Heavily timbered with pines

67.06 Ch. remainder open prairie

North between Secs. 13 & 14

To 19° 30' East

29.16 ~~Run~~ 10 lks. wide runs NE

40.00 Det of Basalt Stone 15 x 10 x 7 ⁱⁿ 10 in
in mound of stone for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on W. face,

from which

A pine 18 ins. in dia. bears S 82° E 113 lks. dist
marked $\frac{1}{4}$ D B F

A pine 28 ins. in dia. bears N 37° W 203 lks.
dist, marked $\frac{1}{4}$ D B F

64.00 Enter prairie bears E & W

80.00 Det of Basalt Stone 24 x 13 x 13 ⁱⁿ 18 ins
in ground for cor. to secs. 11, 12,

Subdivisions of T. 4 South R. 34 East
Willamette Meridian, Oregon.

13 & 14, marked with 4 notches on
S and 1 notch on E edges.

from which

A pine dis. in dia. bears $N 32^{\circ} E 363$ ft.
dist. marked - T 4 S R 34 E S 12 B 5,
No trees in limits and raised a
mound of stones alongside

Pits impracticable

Land rough and mountainous
Soil 2" rate,

Timber Scattering pine 64 chs,
Good bunch Grass

East on a random line bet. Dec. 12 & 13

$\gamma_a, 20^{\circ} 15'$ East

40,00 Det temporary $\frac{1}{4}$ sec. cor.

45,50 Clear prairie center timber bears
NE & SW

50,89 Creek 10 ft. wide runs NE 50 ft. below
 $\frac{1}{4}$ sec. cor.

80,00 Intersect East boundary of the

664

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Subdivision of T. 4 South R. 34 East
Willamette Meridian, Oregon.

township 15 N. North of the
cor. to sec. 7, 18, 12 & 13, which is
a Basalt Stone 16 x 10 x 8 ⁱⁿ 8 in
in ground, marked with 4
notches on D and 2 notches on
Wedges, with mound of stone
around cor.

Thema Draw

N 89° 54' W On a true line bet. Sec. 12 & 13
Ta. 20° 50' East

40,00 Set a Basalt Stone 23 x 20 x 7 ⁱⁿ 15 in
in ground for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ on N. face, and raised a
mound of stone alongside

Pit impracticable

80,00 The Cor. to Secs. 11, 12, 13 & 14

Land rolling and mountainous

Soil 2" rate.

Timber Scattering pine 54, 50 chs

Remains Open prairie

~~October 26 1882~~

Subdivision of T. 4 South R. 34 East
 Willamette Meridian, Oregon.

North between Sec. 11 & 12
 T₄ 20° 15' East

- 3.00 Leave Prairie and enter timber bear
 E & W
- 10.60 Spring branch 3 ft. wide runs NE
- 17.00 " " 3 " " " " NW
- 22.50 " " 3 " " " " NE
- 34.50 Enter prairie bear E & W, 50 ft.
 above Spring branch
- 40.00 Set a Basalt Stone 20 x 7 x 7 $\frac{1}{4}$ " 15 ins.
 in ground for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on W. face, and raised a mound
 of stone alongside. Pits impracticable
- 76.25 Dry gulch course East
- 80.00 Set a Basalt Stone 14 x 9 x 7 $\frac{1}{4}$ " 10 ins.
 in ground for cor. to sec. 1, 2, 11 & 12
 marked with 5 notches on S and 1 notch
 on E edge, from which
 A pine 42 ins. dia. bears N 28° E 22 ft. dk.
 dist. marked, T 4 S R 34 E D 1 B F
- No other trees in limits and raised
 a mound of stone alongside, Pits

Subdivision of T. 4 South R. 34 East
 Willamette Meridian, Oregon.

impracticable,

Land rolling and mountain-
 ous. Soil 2" rate.

Heavily timbered with pine
 51.50 chs. Remainder prairie

East on a random line bet. Sec. 1 & 12
 Ta. 20° 30' East

30.00 Enter timber bear W & S.

36.50 Spring branch 2 1/2 k. wide runs
 N 70° E.

40.00 Ditto temporary 1/4 Sec. cor.

50.00 Leave timber and enter prairie
 bears W E & S W

79.50 Leave prairie and enter timber
 bears W E & S W

79.84 Intersect East boundary of the
 township 1 Plks South of the cor to
 sec. 6. 7. 1 & 12, which is a post
 4 in. sq. marked. T 4 S. 6 on W E
 R 35 E S 7 on S E. — T 4 S. 6

Subdivisions of T. 4 South R. 34 East
Willamette Meridian, Oregon.

12 on D W, and 1 on W W. faces
with 5 notches on D and 1 notch on
Wedges. from which

A pine 14 ins. in dia. bears $N 5^{\circ} E$ 91 k.
dist. marked, T 4 R 35 E S 6 B F

A pine 2 1/2 ins. in dia. bears $S 11^{\circ} E$ 61 k.
dist. marked, T 4 R 35 E S 7 B F

A pine 2 1/2 ins. in dia. bears $S 89^{\circ} W$ 41 k.
dist. marked, T 4 R 34 E S 12 B F

Thence Iron

$S 89^{\circ} 52' W$ on a true line bet. Secs. 1 & 12
Var. $17^{\circ} 50'$ East

3992 Ditto post 3 ft. long 3 in. sq. 2 1/4 in.
in ground for 1/4 sec. cor. marked
1/4 D on W. face. from which

A pine 2 1/2 ins. in dia. bears $N 5^{\circ} W$ 14 k.
dist. marked 1/4 D B F

A pine 3 1/4 ins. in dia. bears $S 5^{\circ} W$ 26 k.
dist. marked 1/4 D B F

7984 The cor. to sec. 1, 2, 11 & 12

Land rolling and mountainous
Soil 2" later Heavily

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FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by _____
 Rufus D. Moore , 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 *Subdivisional lines of*
 Township 4 lines of *South*
 Range 33 1/4 34 East of Willamette Meridian, Oregon,
 showing the respective capacities in which they acted :

_____, Compassman.
 James Guttridge , Chainman.
 John Guttridge , Chainman.
 _____, Chainman.
 _____, Chainman.
 Joe Parodi , Axeman.
 _____, Axeman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS

We hereby certify that we assisted *Rufus D. Moore*
 _____, U. S. Deputy Surveyor, in surveying all
 those parts or portions of the *Subdivisional*
 lines of *Township 4 South*
 Range 33 1/4 34 East of 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.

_____, Compassman.
 James Guttridge , Chainman.
 John Guttridge , Chainman.
 _____, Chainman.
 _____, Chainman.
 Joe Parodi , Axeman.
 _____, Axeman.
 _____, Flagman.

Subscribed and sworn to before me, this *Twenty First* day of
 December 188 *21*

[SEAL.]

Rufus D. Moore

 Notary Public

FINAL OATH OF DEPUTY SURVEYOR.

I, Rufus S. Moore
 United States Deputy Surveyor, do solemnly swear that in pursuance of in-
 structions received from James C. Tolman
 U. S. Surveyor General for Oregon, bearing date of the Twenty Eighth
 day of June, 1882, 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 Subdivisional lines
of Township 4 South Range ^{33 1/2} 34 East of
 Willamette Meridian, in the State of Oregon, as are represented in the fore-
 going 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 pro-
 visions of an Act of Congress approved August 8, 1846.

Rufus S. Moore
 U. S. Deputy Surveyor.

Subscribed and sworn to before me, this 10th
 day of February 1883
Benford Robb
 Notary Public

750

Office U. S. Surveyor General,

Portland, Oregon, *Feb 1,* 188⁴~~2~~

The following Field Notes of the Survey of the

*Subdivisions of T. 4 S. R. 34 E,
Will Mer., Oregon*

executed by

Refus S. Moore

under his Contract No. *457*, dated

June 12, 188², having been critically examined, the

necessary corrections and explanations made, the said field notes

and the survey they describe, are hereby approved.

James C. Tolman

Surveyor General.

