

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, _____

and _____

Joe Parodi

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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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 Beerte 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

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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

40,000 Det 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

43,000 Descend point of hill bears E & W

59,750 Dry ravine course W.W. 300 ft.
below point of descending hill

80,000 Det 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 7 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
 Willamette Meridian, Oregon.

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- A pine trees, in dis. bears $N42^{\circ}W$ 24 lks. dist.
 marked - T 4 S R 34 E S 26 B J
- A pine trees, in dis. bears $S38^{\circ}W$ 30 lks. dist.
 marked - T 4 S R 34 E S 35 B J
- A tamarack trees, in dis. 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 alongside -

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 alongside. Pits impracticable

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

056

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 T4 R34 E D24 B F

A pine 22 ins. in dia, bears $N 73^{\circ} W$ 77 pk. dist
marked - T4 R34 E D23 B F

A pine 24 ins. in dia, bears $S 27^{\circ} W$ 73 pk. dist
marked - T4 R34 E D26 B F

A pine 42 ins. in dia, bears $S 52^{\circ} E$ 31 pk,
dist, marked - T4 R34 E D25 B F

Land high and mountainous

Soil 2" to 3" rate.

Timber Scattering pine & tann

-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

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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 $\frac{1}{4}$ D R 34 E A 24 B J

Then a Iron

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

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

A tamarack 34 ins. in dia. bears N 37° E 10 k.
dist, marked $\frac{1}{4}$ D B J

A fir 6 ins. in dia. bears S 33° E 11 k. dist,
marked $\frac{1}{4}$ D 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 Dics. 23 & 24

Va, 19° 30' East

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

- 28.00 Descent hill bears $W E \pm S W$
- 40.00 Det 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 Det 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, F 4 D R 34 E D 13 B F
- A pin 30 ins. in dia. bears $N 22^{\circ} W 43$ lks. dist.
 marked, F 4 D R 34 E D 14 B F
- A pin 50 ins. in dia. bears $S 37^{\circ} W 33$ lks.
 dist. marked. F 4 D R 34 E D 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

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 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 7ⁱⁿ 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 13ⁱⁿ 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 ch.

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
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

40,000 Set a Basalt Stone 23 x 20 x 7 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

80,000 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.

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 S

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

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

timbered with pine 20 cho.
 Remains Open prairie
 Good Bunch grass

North between Secs. 1 + 2
 Ta. $20^{\circ}30'$ East

32.00 Leave prairie bears E + W

38.00 Enter small prairie bears E + W

40.00 Set a Basalt Stone $3 \times 8 \times 7 = 9$

in. in ground 4 or 4 sec. cor.
 marked 4 on W. face,

from which

A pine 40 in. in dia. bears $S 77^{\circ} E$

75.7 lks. dist, marked 4 D B J

A pine 18 in. in dia. bears $N 55^{\circ} W 270$ lks.

dist. marked 4 D B J

47.20 Dry gulch course $W E$ and

leave small prairie and

enter timber bears $W E$ + $S W$

61.50 Enter prairie bears E + W

68.00 Intersect North boundary

668A North on a random line bet. Secs. 1 & 2,
Va $20^{\circ}30' E$.

32.00 Leave prairie and enter timber
course E and W.

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

61.50 Enter prairie

68.00 Intersect - North boundary of the
Township 35 - lies West of Cor to Secs
1 & 2. which is a basalt-stone
22 x 11 x 9 ins. marked with

1 notch on the E. and 5 notches
on the West edges and
mound of stone alongside -
Fence I run -

$80^{\circ}17' W$. on a true line bet. Secs 1 & 2
with same Va -

28.00 Set a basalt-stone 13 x 8 x 7 ins

668B
9 ins. in the ground for $\frac{1}{4}$ sec cor
marked $\frac{1}{4}$ on W. face. from which
A pine 40 ins. diam. bears. S 77° E 157 lbs
dist. marked $\frac{1}{4}$ S B.T.

A pine 18 ins diam. bears N 55° W. 270 lbs.
dist. marked $\frac{1}{4}$ S B.T.

68.00 The cor to sec 3 1. 2. 11 & 12.

December 7th 1882

Subdivision of T. 4 South R. 34 East 669
 Willamette Meridian, Oregon.

the township 1925 lks. East of the
 cor. to sea, 35 + 36 which is a
 post 4 ft. long 4 ins. sq. 24 ins. in ground
 marked. T 3 & R 34 E on W. D 35 on W.
 and D 36 on E of face, with 1 notch
 on E and 5 notches on W. face.

from which

A pine 30 ins. in dia. bears $N 34^{\circ} E 67$ lks. dist.
 marked. T 3 & R 34 E D 36 B J

A pine 32 ins. in dia. bears $N 38^{\circ} W 51$ lks. dist.
 marked. T 3 & R 34 E D 35 B J

A pine 24 ins. in dia. bears $S 39^{\circ} W 97$ lks.
 dist. marked. T 4 & R 34 E D 2 B J

A pine 12 ins. in dia. bears $S 28^{\circ} E 23$ lks. dist.
 marked. T 4 & R 34 E D 2 B J

Set a Basalt Stone $22 \times 11 \times 9$ - 16 ins. in
 ground of closing cor. to sea. 1 & 2
 marked C. C. on D with 1 notch on
 E and 5 notches on W. edges, and
 raised a mound of stone along
 side. This impracticable

No trees in limits, Land

670

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

Land~~rolling~~ mountainous

Soil 2" rate

Heavily timbered with pine

20.30 chs. Remainder Open prairie

From the cor. to sec. 2, 3, 34 & 35 on
 the South boundary of the town-
 ship, which is a Basalt Stone 12 x 9 x 8 ins
 8 ins in ground, marked with 2 notches
 on E & 4 notches on W. edge.

from which

A tamarack 9 ins. in dia, bears $N 70^{\circ} E$ 8 llk.
 dist. marked - T4 S R 34 E D 35 B F

A tamarack 9 ins. in dia, bears $S 34^{\circ} W$ 16 llk.
 dist. marked, T5 S R 34 E D 3 B F

A tamarack 9 ins. in dia, bears $N 59^{\circ} W$
 31 llk, dist. marked T4 S R 34 E D 34 B F

A tamarack 10 ins. in dia, bears $S 43^{\circ} E$
 25 llk, dist. marked, T5 S R 34 E D 2 B F

Draw

North between Secs. 34 & 35
 "Cor. 20 East"

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

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25.00 Ravine course NE 100 ft. below.

see cor.

40.00 Det or Basalt Stone $12 \times 9 \times 5 \frac{1}{2}$ ins. in
ground for $\frac{1}{4}$ sec cor. 100 ft. above
Ravine - marked $\frac{1}{4}$ on W, face.

from which

A pin 8 ins. in dia. bears S 56° E 125 lb. dist.
marked $\frac{1}{4}$ D B J

A pin 3 ins. in dia. bears West 8 lb. dist. marked
 $\frac{1}{4}$ D B J

70.00 Enter Opening bears E + W

80.00 Det or Basalt Stone $15 \times 12 \times 4 \frac{1}{2}$ ins. in
ground for cor. to sec. 26, 27, 34 & 35

marked with 1 notch on D and 2 notches
on E edges. from which

A pin 8 ins. in dia. bears N 30° E 199 lb. dist.
marked. J 4 D R 34 E D 26 B J

A pin 3 ins. in dia. bears N 22° W 240 lb.
dist. marked. J 4 D R 34 E D 27 B J

No other trees in limits and raised a
moand of stone along side.

It is impracticable. Land

672

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

high and mountainous,

Soil 2" rot

Timber pine and tamarack

70 ch. — Good Bunon grass

East on a random line bet Dec 26 & 35
Var 20° East

5.60 Enter timber bears NW & SE

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

45.00 Descend hill bears NW & S.

76.90 Creek 7 lks. wide runs $N 20^{\circ} E$, 500 ft.
below top of hill

80.30 Intersect W & S. line 21 lks. South of
the cor. to sec. 25, 26, 35 & 36

Thence down

S 89° 51' W on a true line bet. Decs. 26 & 35

40.15 Set a Basalt Stone $15 \times 15 \times 7$ in. $\frac{1}{4}$ 10 ins.

in ground for $\frac{1}{4}$ sec. cor. marked

$\frac{1}{4}$ on N. face. from which

A pin 15 ins. in dia. bears $N 58^{\circ} E$ 64 lks. dist

marked $\frac{1}{4}$ A B J

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

A fir 14 ins in dia. bears $S 12^{\circ} E 55$ lk. dist.
marked $\frac{1}{4}$ D B F

80.30 The cor. to sec. 26, 27, 34 & 35

Land high and mountainous

Soil 2" & 3" str

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

North between Secs. 26 & 27

5.00 Enter timber bears $V. 20^{\circ}$ East

4.00 Delta Basalt Stone $12 \times 11 - 6$ ins in
ground for $\frac{1}{4}$ sec cor. marked
 $\frac{1}{4}$ on W. face. from which

A pine 6 ins. in dia. bears $N 57^{\circ} E 114$ lk. dist.
marked $\frac{1}{4}$ D B F

A pine 9 ins in dia. bears $S 65^{\circ} W 99$ lk. dist.
marked $\frac{1}{4}$ D B F

80.00 Delta Basalt Stone $13 \times 10 \times 7$ ins.
in ground for cor. to sec. 22, 23,
26 & 27. marked with 2 notches on
S and E edges. from which

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

A fir 16 ins. in dia. bears $N 30^{\circ} E 45$ LR. dist.
 marked. T4 S R 34 E S 23 B J

A pine 6 ins. in dia. bears $N 27^{\circ} W 89$ LR.
 dist. marked. T4 S R 34 E S 22 B J

A pine 36 ins. in dia. bears $S 38^{\circ} W 64$ LR. dist.
 marked. T4 S R 34 E S 27 B J

A pine 45 ins. in dia. bears $S 63^{\circ} E 40$ LR. dist.
 marked. T4 S R 34 E S 26 B J

Land high and mountainous
 Soil 2" rate

Heavily timbered with pine, tan-
 arack and fir 75 cho. and
 some undergrowth of same kinds
 of woods

East on a random line bet. Sec. 23 & 26
 $N. 20^{\circ} East$

28.00 Descend hill bears N. S. S.

36.77 Spring branch 2 LR. wide runs
 North 300 ft. below top of hill

And ascend

40.00 Dit temporary, 4 sec. col. 50 ft. above

Subdivision of T. 4 South R. 34 East 675

Willamette Meridian, Oregon.

Spring Branch

49.00 Top of hill bears N. & D. 200 ft.
at our $\frac{1}{4}$ sec. cor.

69.25 Dry gulch course N 20 W

80.42 Intersect N. & D. line 16 R. South
of the cor. to sec. 23, 24, 25 & 26

Thence I run

S 89° 53' W on a true line bet. Secs. 23 & 26

40.21 Set a Basalt Stone 13 x 11 x 6 in 9 in. in
ground for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on W. face, from which

A pine 16 ins. in dia. bears N 63° E 28 R. dist.
marked $\frac{1}{4}$ D B T

A pine 16 ins. in dia. bears S 12° E 38 R. dist.
marked $\frac{1}{4}$ D B T

80.42 The cor. to Secs. 22, 23, 26 & 27

Land high and mountainous
Soil 2" or more.

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

Set on 7-1-1891

676

Section of T. 4 South R. 34 East

Willamette Meridian, Oregon.

Compared Compass with line
established by an observation on
the Star Polaris and find Compass
runs Correct

North between Decs, 22 & 23
Var 20° East

31.10 Ravine course N E .150ft below
Dec 20.

40.00 Set a post 3ft long 3 ins. sq. 24 ins. in
ground for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ Don W. face. from which

A pine 16 ins. in dia. bears S 8° E 7 lb. dist
marked $\frac{1}{4}$ A B T

A pine 6 ins. in dia. bears N 81° W 21 lb. dist
marked $\frac{1}{4}$ S B T

80.00 Set a Basalt Stone 15 x 14 x 8 ^{ins} in
in ground for cor. to sec. 14, 15,
22 & 23, 300ft. above $\frac{1}{4}$ sec. cor.
marked with 3 notches on D and
2 notches on E. edges, from which

Subdivision of T. 4 South R. 34 East 677

Willamette Meridian, Oregon.

A fir 8 ins. in dia. bears $N 17^{\circ} E$ 14 R. dist
marked - T 4 S R 34 E D 14 B J

A fir 9 ins. in dia. bears $N 43^{\circ} W$ 22 R. dist.
marked - T 4 S R 34 E D 15 B J

A fir 5 ins. in dia. bears $S 57^{\circ} W$ 12 R. dist.
marked - T 4 S R 34 E D 22 B J

A fir 5 ins. in dia. bears $S 18^{\circ} E$ 11 R. dist.
marked - T 4 S R 34 E D 23 B J

Land high and mountainous
Soil 2nd rate

Heavily timbered with fir
tamarack and fir and some
dense undergrowth of same woods

Dec. 8th 1882

East on a random line bet. Sec. 14 & 2.3
Tan $19^{\circ} 30'$ East

26.10 Spring branch 3 R. wide runs SE 400 ft
below Dec. Col.

40.00 Det temporary $\frac{1}{4}$ sec. col. 100 ft. above
Spring branch

53.00 Spring branch 3 R. wide runs NE 100 ft.

678

Subdivision of T. H. South R. 34 East

Willamette Meridian, Oregon.

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

80,24 Intersect W & D line at the cor. to
secs. 13, 14, 23 + 24 - 200ft. at or
last noted Spring branch
Thence I run

West on a true line bet Secs. 14 + 23

40, 12 Set a Basalt Stone $15 \times 8 \times 5 \frac{1}{2}$ 10 ins,
in ground for $\frac{1}{4}$ sec cor. marked
 $\frac{1}{4}$ on W. face. from which

A pin 30 ins. in dia. bears $S 40^{\circ} E 28$ lbs. dist
marked $\frac{1}{4}$ D B J

A pin 24 ins. in dia. bears $N 58^{\circ} W 28$ lbs.
dist. marked $\frac{1}{4}$ D B J

80,24 Thence to Secs. 14, 15, 22 + 23

Land high and mountainous
Soil 2" + 3" rate

Heavily timbered with pine
tamarack and fir, and
some undergrowth of same
kinds of woods

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

North by Dec. 14 & 15

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

12.70 Ravine course East, and ascend

33.00 Top of hill bears E & W 400 ft
 above Ravine

40.00 Set a Basalt Stone $18 \times 10 \times 7 \frac{1}{2}$ in.
 in ground for $\frac{1}{4}$ sec cor. marked
 $\frac{1}{4}$ on W. face, from which

A pine 7 ins. in dia. bears $N 38^{\circ} E 28$ ft.
 dist. marked $\frac{1}{4}$ D B F

A pine 34 ins. in dia. bears $S 17^{\circ} W 70$ ft.
 dist. marked $\frac{1}{4}$ D B F

70.00 Enters opening bears E & W

80.00 Set a Basalt stone $12 \times 10 \times 8 \frac{1}{2}$ in. in
 ground for cor. to sec. 10, 11, 14 & 15

marked with 4 notches on D and
 2 notches on E edges, from which

A pine 10 ins. in dia. bears $S 59^{\circ} E 22$ ft.
 dist. marked J 4 D R 34 E D 14 B F

No other trees in limits and raised a
 mound of stone alongside, Pits
 impracticable, Land high

680

Subdivision of T. 4 South R. 34 East

Willamette Meridian, Oregon.

and mountainous.

Soil 2" rate.

Heavily timbered with pine &
 Tamarack 70 Ck. and some
 dense undergrowth of same
 kinds of woods

East on a random line bet. Dec. 11 & 14

Ta. 19° East

3.50 Clear opening bears N. & S.

37.00 Enter opening bears W & E

40.00 Set temporary $\frac{1}{4}$ sec cor. 200 ft.
below sec cor.

75.35 Spring branch 2 lks. wide runs NE

80.10 Intersect W & E line 8 lks N. of the
cor. to sec. 11, 12, 13 & 14

Thence I ran

N 89° 57' W on a true line bet. Dec. 11 & 14

40.05 Set a Basalt Stone 14 x 8 x 5" $\frac{1}{4}$ 10 ins.
in ground for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on W. face, from which

A pine 3 lks in dia. bears N 42° E 189 lks.

Subdivision of T. 4 South R. 34 East

681

Willamette Meridian, Oregon.

dist. marked $\frac{1}{4}$ D B F

A pine 15 ins. in dia. bears S 76° E 413 lks. dist.
marked $\frac{1}{4}$ D B F

80.10 Three cor. to sec. 10, 11, 14 & 15

Land mountainous

— face 2" rate

Heavily timbered with pine 33.50 lbs.

Remainder open prairie

North between Dec. 10 & 11

Var. 19° East

10,000 Clear opening & vented timber bears E SW

40,000 Det a Basalt Stone $16 \times 9 \times 8$ ins. in

ground for $\frac{1}{4}$ sec. cor. marked

$\frac{1}{4}$ on W. face. from which

A pine 15 ins. in dia. bears W 50° E 79 lks. dist
marked $\frac{1}{4}$ D B F.

A pine 8 ins. in dia. bears S 43° W 41 lks. dist

marked $\frac{1}{4}$ D B F

80,000 Det a Basalt Stone $18 \times 15 \times 12$ ins. in

ground for cor. to sec. 2, 3.

J. 682

Subdivision of T. 4 South R. 34 East

Willamette Meridian, Oregon.

10 & 11, marked with 5 notches on A,
and 2 notches on Edge.

from which
A pin 24 ins. in dia., bears $S 76^{\circ} W 67$ lks. dist.
marked - T 4 S R 34 E D 10 B F

A pin 24 ins. in dia., bears $N 12^{\circ} W 237$ lks. dist.
marked - T 4 S R 34 E D 3 B F, and
raised a mound of stone along-
side. It is impracticable

Land rolling and mountainous

Soil is rather slopes NW

Heavily timbered with pines 65 cho.

East on a random line bet. Dics. 2 & 11

$N. 21^{\circ} 30'$ East

46.00 ~~Dist Temporary~~ $\frac{1}{4}$ sec. cor.

76.00 ~~Enter opening~~ ~~between W & D~~

79.92 ~~Intersect W. & D. line~~ 14 lks. N. of the
cor. to sec. 1, 2, 11 & 12

Thence I run

$N. 89^{\circ} 54' W$ on a true line bet. Dics. 2 & 11

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

- 39.96 Set a Basalt Stone $32 \times 10 \times 4$ ins. ⁱⁿ 24 ins.
in ground for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on W. face, from which
A pine 5 ins. in dia. bears $S 48^\circ E 9$ lks. dist.
marked $\frac{1}{4}$ D B J
- A pine 4 ins. in dia. bears $N 21^\circ W 23$ lks. dist.
marked $\frac{1}{4}$ D B J
- 79.92 The cor. to sec. 2, 3, 10 & 11
Land rolling and mountainous
Soil 2" rate.
Timber pine 70 chs.
Good Bunch grass

~~North between Secs. 2 & 3~~

~~To, $21^\circ 30'$ East~~

- ~~15.00 Brook flts. wide runs NE, and about~~
- ~~25.00 Top of low ridge bears NE + SW 150 ft.,~~
~~above Brook, and descent~~
- ~~40.00 Set a post 3 ft. long 3 ins. sq. 24 ins. in~~
~~ground for $\frac{1}{4}$ sec. cor. marked~~
~~on W. face, from which~~

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

North on a random line, bet. Secs. 2 & 3

va $21^{\circ}30' E$

15.00 Brook 6 lks wide runs N. E.

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

41.00 Creek 20 lks wide runs N. E.

67.92 Intersect - North boundary of the
Township 45 lks N. of Cor to Sec.
273. Which is a basalt-
stone 15 x 12 x 7 ins marked

2 notches on the East and
4 notches on the West - edges.

from which

A pine 14 ins. diam. bears $S 40^{\circ} E$. 9 lks. dist.
marked T 4 S R 34 E S 2 B. T.

A pine 14 ins. diam. bears $S 32^{\circ} W$. 288
lks dist. marked T 4 S R 34 E S 3 B. T.

Thence I run

$S 0^{\circ} 22' N$. on true line, bet. Secs 2 & 3.

27.92 Set a post - 3 ft long. 3 ins square
24 ins in the ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ S on N face -
from which

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

A fir 9 ins. diam. bears N 30° W 31 lks dist
marked 4 S. B. T.

A fir 10 ins diam. bears S 62° E 12 lks. dist
marked 4 S B. T.

67.92 The cor. to secs 2, 3, 10 & 11.

Land high and rolling
Soil 2d rate

Heavily timbered with pine
fir & tamarack 67.92 chs -

Dec. 9th 1882

~~Oct. 28th 1882.~~

From the cor. to secs. 3, 4, 33 & 34 on the
South boundary of this township
which is a post 5 ins. sq. 24 ins. in
ground marked T 4 S R 34 E S 34 on N E
T 4 S R 34 E S 33 on W W.
T 5 S R 34 E S 4 on N W. - T 5 S R 34 E S

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

3 on SE face, with 3 notches on
E & Wedges, from which

A pine 16 ins. in dia. bears $N 8^{\circ} E$ 62 LR. dist.
marked - T 4 D R 34 E D 34 B J

A pine 7 ins. in dia. bears $N 18^{\circ} W$ 97 LR. dist.
marked T 4 D R 34 E D 33 B J

A tomaraak 40 ins. in dia. bears $S 66^{\circ} W$ 54 LR.
dist. marked T 5 D R 34 E D 4 B J

A pine 12 ins. in dia. bears $S 23^{\circ} E$ 70 LR. dist.
marked T 5 D R 34 E D 3 B J

Iron

North between Secs. 33 & 34

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

1.25 Very Gulch corner NW
46.00 Det a Basalt Stone $17 \times 9 \times 6 \frac{1}{2}$ ins.
in ground for $\frac{1}{4}$ sec. ^{con} marked
 $\frac{1}{4}$ on W. face. from which

A pine 8 ins. in dia. bears $N 75^{\circ} W$ 79 LR. dist.
marked $\frac{1}{4}$ D B J

A pine 45 ins. in dia. bears $N 85^{\circ} E$ 86 LR.
dist. marked $\frac{1}{4}$ D B J

68.50 Spring branch 2 LR. wide runs NW

80.00 Det a Basalt Stone $12 \times 8 \times 6 \frac{1}{2}$ ins.

Sub-division of T. 4 South R. 34 East 687
 Willamette Meridian, Oregon.

in ground for cor. to sec. 27, 28,

33 + 34 - marked with 1 notch on D,
 and 3 notches on E edges, from which

A pine 40 ins. in dia. bears N 38° E 116 Mk.,
 dist. marked - T 4 D R 34 E D 27 B F

A pine 44 ins. in dia. bears N 32° W 95 Mk. dist
 marked - T 4 D R 34 E D 28 B F

A pine 5 ins. in dia. bears S 8° W 240 Mk. dist
 marked - T 4 D R 34 E D 33 B F

A pine 9 ins. in dia. bears S 59° E 221 Mk.
 dist - marked T 4 D R 34 E D 34 B F

Land mountainous & rolling -

Soils 2" & 3" gate,

Timber pine, tamarack and
 fir, and some undergrowth of
 some kinds of wood.

East on a random line bet. Decs. 27 & 34

Var. 20° 30' East

23.50 Gulch course S W

38.85 Gulch course S 80° W

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

- 40.00 Temporary $\frac{1}{4}$ sec. cor.
- 42.90 Brook 2 lks. wide runs SW
- 49.45 Brook " " " S 80° W
- 60.50 Clear timber and dented opening bears
 N. & S.
- 80.45 Intersect N + S. line 35 lks North of
 the cor. to sec. 26, 27, 34 + 35
 thence E. run W.
 N 89° 45' W. on or true line bet. Sec. 27 + 34
- 40.22 Set a Basalt Stone 15 x 10 x 5 ⁱⁿ 10 ins.
 in ground for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on W. face. from which
 A pine Gins. indic. bears N 15° E 2.9 lks. dist.
 marked $\frac{1}{4}$ D B F
- A pine Gins. indic. bears S 57° W 5 lks. dist.
 marked $\frac{1}{4}$ D B F
- 80.45 The cor. to sec. 27, 28, 33 + 34
 Land high and mountainous
 Soil 2" rate
 Heavily timbered with pine, tamarack
 and fir, and some undergrowth
 of same kinds of woods

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

Northwest corner Dec. 27 + 28

To 20° 30' East

2350 Spring Branch 1 1/2 K wid. runs West

40.00 Set a Basalt Stone 13 x 11 x 6 1/2 ins. in
ground for 1/4 sec. cor. marked 4 on
W. face. from which

A pine 36 ins. in dia. bears S 29° E 93 Ks.
dist. marked 1/4 D B J

A pine 48 ins. in dia. bears S 54° W 89 Ks. dist.
marked 1/4 D B J

86.00 Set a Basalt Stone 15 x 8 x 7 1/2 ins. in
ground for cor. to Sec. 21, 22, 27 & 28
marked with 2 notches on D and 3 notches
on E edges. from which

A pine 22 ins. in dia. bears N 49° E 80 Ks. dist.
marked - J 4 D R 34 E D 22 B J

A pine 30 ins. in dia. bears N 35° W 22 Ks. dist.
marked - J 4 D R 34 E D 21 B J

A pine 18 ins. in dia. bears S 12° W 106 Ks. dist.
marked J 4 D R 34 E D 28 B J

A pine 34 ins. in dia. bears S 13° E 82 Ks. dist.
marked J 4 D R 34 E D 27 B J

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

Land high and mountainous
 Soil 2" rate,
 heavily timbered with fine, tan-
 arack and fir, and some
 dense undergrowth of same woods

East on a random line bet. Dec. 22 + 27
 Var. 25° East

15.00 Dry gulch course NW
 40.00 Ditto temporary $\frac{1}{4}$ sec. cor.
 44.90 Dry gulch course NW
 80.50 Intersect W. & S. line 30 R. North of
 the cor. to sec. 22, 23, 26 + 27

Thence I run

N 89° 47' W on a true line bet. Dec 22 + 27

40.25 Set a Basal Stone 12 x 10 x 6 in. ^N 8 in
 in ground for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ on N. face, from which

A tamarack 11 ins. in dia. bears N 10° E
 28 R. dist. marked $\frac{1}{4}$ D B F

A tamarack 7 ins. in dia. bears S 45° W

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

14 lks. dist, marked $\frac{1}{4}$ D B J

80.50 The cor. to sec. 21, 22, 27 & 28

Land high and mountainous

Soils 2" rate.

Heavily timbered with pine, fir
and tamarack, and some undergro-
wth of same woods

North between Secs. 21 & 29

Var 20° East

29.50 Old wagon road bears E & W

36.30 Spring branch 3 lks. wide runs NW.

30 ft. below wagon road

40.00 Put a Basalt Stone 18 x 10 x 7 $\frac{1}{2}$ ins.

in ground for $\frac{1}{4}$ sec. cor. marked

$\frac{1}{4}$ on W. face. from which

A pine 34 ins. in dia. bears N 79° E 104 lks.

dist. marked $\frac{1}{4}$ D B J

A pine 16 ins. in dia. bears N 57° W 79 lks. dist

marked $\frac{1}{4}$ D B J

80.00 Put a Basalt Stone 19 x 10 x 4 $\frac{1}{2}$ ins.

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

- in ground for cor to Dec. 15, 16,
21 + 22 - marked with 3 notches on
D. and E. edges. from which
- A pine 36 ins. in dia. bears $N 63^{\circ} E$ 156 ft.
dist, marked $T 4 S R 34 E$ D 15 B F
- A pine 36 ins. in dia. bears $S 42^{\circ} E$ 157 ft.
dist, marked $T 4 S R 34 E$ D 22 B F
- A pine 4 ins. in dia. bears $N 30^{\circ} W$ 322 ft.
dist, marked $T 4 S R 34 E$ D 16 B F
- A pine 36 ins. in dia. bears $S 39^{\circ} W$ 314 ft.
dist marked $T 4 S R 34 E$ D 21 B F

Land high and mountainous
Soil 2" water.

Heavily timbered pine, fir,
and tamarack on $D \frac{1}{2}$. Scattering
pine on $N \frac{1}{2}$, and ~~very~~ ^{kind of wood}
dense undergrowth of saw,
on $D \frac{1}{2}$

East on a random line bet. Dec. 15 + 22
Var. 21° East

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

- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
 40.50 Descend hill bears $N20^{\circ}E \text{ } \Delta 20^{\circ}W$
 49.00 Dry ravine course $N25^{\circ}E$, 300 ft.
 below $\frac{1}{4}$ sec. cor. and ascend
 60.00 Top of hill bears $N20^{\circ}E \text{ } \Delta 20^{\circ}W$
 300 ft. above ravine
 62.00 Descend hill bears $N20^{\circ}E \text{ } \Delta 20^{\circ}W$
 80 30 Intersect $N \text{ } \Delta$ line 21 N.E. of NW
 cor. to sec. 14, 15, 22 + 23 - 150 ft.
 below top of hill

Thence I run

$N89^{\circ}51'$ W on a true line bet. Secs. 15 + 22

40.15 Set a Basalt Stone $16 \times 7 \times 6$ in. in
 ground for $\frac{1}{4}$ sec cor. marked
 $\frac{1}{4}$ on W. face. from which

A pine 34 ins. in dia. bears $N64^{\circ}E \text{ } 136$ ft.
 dist marked $\frac{1}{4}$ D J

A pine 34 ins. in dia. bears $\Delta 39^{\circ}W \text{ } 103$ ft.
 dist. marked $\frac{1}{4}$ D J

80 30 The cor. to Secs. 15, 16, 21 + 22

Land high and mountainous
 soil, 2" rot. Heavily timbered
 with pine, tamarack and fir & some
 undergrowth of same ^{kind of woods.} ~~XX, XX, XX~~

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

North between Deas 15 & 16

Var. 21° East

40.00 Ditch Basalt Stone 18 x 9 x 5 ^W 12 ins
in ground for $\frac{1}{4}$ sec, cor. marked
 $\frac{1}{4}$ on W. face, from which

A pin 3 ins. in dia. bears N 27° W 65 lb,
dist. marked $\frac{1}{4}$ J B F

A pin 7 ins. in dia. bears N 75° E 18 lb,
dist. marked $\frac{1}{4}$ J B F

71.00 Ravine course N E.

80.00 Ditch post 4 ft long 4 in. sq, 24 in.
in ground for cor. to sea. 9, 10,
15 & 16, marked, J 4 D D 10 on N E

R 34 E D 9 on NW - D 16 on D W
and D 15 on D E. face, with 4 notches
on D, and 3 notches on E. Edge

from which

A pin 2 ins. in dia. bears N 61° E 46 lb,
dist. marked - J 4 D D 10 B F
^{R 34 E}

A pin 5 ins. in dia. bears S 64° E 32 lb,
dist. marked, J 4 D R 34 E
D 15 B F

A pin 15 ins. in dia. bears N 50° W 36 lb.

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

T. 4 S

dist. marked, R 34 E D 9 B F

A fir 10 ins. in dia. bears S 39° W 38 R.

T. 4 S R 34 E

dist. marked, D 16 B F

Land Mountainous Soil 2nd rate

Heavily timbered with pine and
fir and tamarack, and dense
undergrowth of same on N 1/2

Scattering pine on remainder,

Dec 10th 1882 ~~Oct 29th 1882~~

East on a random line bet. Dec. 10 & 15
Var 21° East.

Descend

1,30 Ravine course North - 50 ft. below
sec cor. and ascend

12,50 Top of ridge bears N & D, 100 ft.
above last ravine, and Descend

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

44,00 Ravine course N, 150 ft. below
top of ridge, and ascend

61,00 Top of ridge bears N & D, 100 ft.
above last ravine, and Descend

696

46

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

- 76.00 Ravine course North, 100 ft. below
 top of ridge, and across
- 80.10 Intersect W & D. line at the cor.
 to sec. 10, 11, 14 & 15 - 100 ft. above
 last ravine. Then a line
 West on a true timber. Sec. 10 & 15
- 40.05 Det. a Basalt Stone 15 x 10 x 5 ^{1/2} 10 ins.
 in ground for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on W face. from which
 A pine 30 ins. in dia. bears N 6° E 96 lb. dist.
 marked $\frac{1}{4}$ D B J
- A fir 18 ins. in dia. bears S 30° E 222 lb.
 dist. marked $\frac{1}{4}$ D B J
- 80.10 The cor. to Secs. 9, 10, 15 & 16
 Land mountainous,
 Soil 2" rate
 Heavily timbered with pine, fir,
 and Larch, and
 dense undergrowth of
 same kind of wood

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

North between Dec. 9 & 10

Va. 21° East

Gradually descend through dense
Brush

9,00 Parson's course NW 100 ft. below
Dec. Cor.

40,00 Set a post 3 ft. long 3 in. sq. 24 in.
in ground for $\frac{1}{4}$ sec. cor. mark $\frac{1}{4}$
 $\frac{1}{4}$ D on W. face, from which
A pin 4 in. in dia. bears N 37° E 17 lks.
dist. marked $\frac{1}{4}$ D B F

A tamarack 40 in. in dia. bears S 89° W
7 lks. dist. marked $\frac{1}{4}$ D B F

45,05 Branch 4 lks. wide in ravine runs
NW, 100 ft. below $\frac{1}{4}$ sec. cor.

67,00 Dam Branch 4 lks. wide runs NE
And Ascend

80,00 Set a Basalt Stone 14 x 12 x 8 $\frac{1}{2}$ 10 in.
in ground for 1. cor. to sec. 3, 4, 9 & 10
150 ft. above Branch, marked
with 5 notches on D and 3 notches
on E. edge, from which

698

48

Subdivision of T. 4 South R. 34 East

Willamette Meridian, Oregon.

A pine 3 bins. in dia. bears S 22° E 19 lb. dist.
T. 4 S R 34 E
marked, D 10 B F

A pine 6 bins. in dia. bears S 27° W 44 lb. dist.
T. 4 S R 34 E
marked, D 9 B F

A pine 18 bins. in dia. bears N 37° W 198 lb.
T. 4 S.
dist. marked, R 34 E D 4 B F

A pine 9 bins. in dia. bears N 7° E 252 lb.
R 34 E
dist. marked, T 4 S D 3 B F

Land high and mountainous
Soil 2' or 3'

Heavily timbered with pine
Lamarack & fir and dense
undergrowth of same kinds
of wood

East on a random timber. Dec. 30, 10
T. 19 45 East

Descend

9:60 Branch blk. wide runs NE. 150 ft.

below Dec. 100 ft. and descend

25:20 Top of ridge bears NE 60° W 150 ft.
above Branch, and descend

Subdivision of T. 4 South R. 34 East

Willamette Meridian, Oregon.

- 34.00 Ravine course North, 150 ft.
below top of ridge + ascend
- 40.00 Det temporary $\frac{1}{4}$ sec. cor.
- 55.00 Top of ridge bears N 0 D, 150 ft.
above last ravine, and Descend
- 71.50 Ravine course North, 200 ft.
below top of last ridge
and Ascend
- 80.00 Intersect N + D. line at the Cor.
to Des. 2, 3, 10 + 11, 100 ft. above
last ravine

Thence Down

West on a true line bet. Des. 3 + 10

- 40.00 Det a Basalt Stone $24 \times 15 \times 9$ _{ms}
18 ins. in ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on W. face.

from which

A pin 15 ins. in dia. bears N 27° E 145 lb.
dist. marked $\frac{1}{4}$ D B J

A pin 30 ins. in dia. bears S 56° W 8 lb.
dist. marked $\frac{1}{4}$ D B J

- 80.00 Thence to Des. 3, 4, 9 + 10

700

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

Land high and mountainous.

Joe D'rate
Heavily timbered with pine, tan-
arad and fir, and dense
undergrowth of same woods

~~North between Dec. 3 & 11~~

~~No. 19, 15 East~~

~~40.00 Ditto Basalt Stone 14 x 7 x 5 - 10 in.
in ground for 1/4 or 2/3 of 400 ft. below
Dec. 206, marked 1/4 on W. face
from which~~

~~A fir 48 in. in dia. bears N 80° E 8 LR.
dist marked 1/4 D B J~~

~~A fir 8 in. in dia. bears N 57° W 4 LR.
dist. marked 1/4 A B J~~

~~40.20 Enter Creek bottom bears NE
D, W, 10 ft. below 1/4 2006.~~

~~40.80 Dicks 15 LR, wide runs NE~~

~~44.50 Deer Creek bottom bears NE
D, W, and ascend~~

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

North on random line bet sees. 3 & 4.

$\text{Va } 19^{\circ} 45' \text{ E}$

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

40.20

Enter creek bottom before N.E. & S.W. 100 ft below $\frac{1}{4}$ cor.

40.80 Creek 15 lks wide runs N.E.

44.50

Leave creek bottom from N.E. & S.W. & ascend

62.00 Spring branch 2 lks wide runs S.E.

67.84 Intersect North boundary of Tr.

50 lks N. of cor. to sees 3 & 4, which
is a basalt stone $20 \times 10 \times 5$ ins.

marked with 3 notches on the E & N
Edges, from which a
pine 26 ins. diam bears $S 68^{\circ} \text{ E } 93$ lks. dist.
marked $\hat{T} 4 S R 34 E S 3 B. \hat{T}$

A pine 3 ins. diam. bears $S 50^{\circ} \text{ W } 110$ lks. dist.
marked $\hat{T} 4 S R 34 E S 4 B. \hat{T}$

Thence I run

$80^{\circ} 24' \text{ W}$ on a true line bet sees. 3 & 4

with same Va -

27.84 Set a basalt stone $14 \times 7 \times 5$ ins.

qms in the ground for $\frac{1}{4}$ sec. cor.

marked $\frac{1}{4}$ on West face -

from which

A pin 48 ins. diam. bears $N 80^{\circ} \text{ E } 8$ lks. dist.

702

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

marked $\frac{1}{4}$ S B.T.

A fir 8 ins. diam bears N 57° W. 41 lks dist-
 marked $\frac{1}{4}$ S B.T.

67.84 The Cor to Sec 3-4-9 & 10

Land high and rolling
 soil 2d rate

Heavily timbered with pine fir
 and Tamarack 67.84 chs.

~~I compared compass with line
 established by an observation
 on the Stars Polaris and find
 that compass runs correct~~

" - ~~1882~~

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

From the Cor. to Dec. 4, 5, 32 + 33

on the South boundary of the town-
ship, which is a Basalt Stone

15 x 12 x 7 ^{1/2} 10 ins. in ground, marked
with 4 notches on E and 2 notches on
W. edges. from which

A pine 14 ins. in dia. bears $N 49^{\circ} E 82$ Mk.
dist. marked T 4 S R 34 E S 33 B F

A pine 8 ins. in dia. bears $N 68^{\circ} W 175$ Mk.
dist. marked T 4 S R 34 E S 32 B F

A pine 42 ins. in dia. bears $S 43^{\circ} W 57$ Mk.
dist. marked T 5 S R 34 E S 5 B F

A pine 40 ins. in dia. bears $S 28^{\circ} E 167$ Mk.
dist. marked T 5 S R 34 E S 4 B F

From

North between Decs. 32 + 33

Var. $21^{\circ} 30'$ East

25.60 Creek 6 Mk. wide runs West 100 ft. below
Dec. cor.

40.00 Set a Basalt Stone 14 x 10 x 5 ^{1/2} 10 ins. in
ground for $\frac{1}{4}$ sec. cor. 50 ft. above
Creek marked $\frac{1}{4}$ on W. face

701
 Subdivision of T. 4 South R. 34 East
 Willamette Meridian, Oregon.

from which

A pine 6 ins. in dia. bears $N 48^{\circ} E 27$ LR,
 dist. marked $\frac{1}{4}$ D B F

A pine 2 6 ins. in dia. bears $N 55^{\circ} W$
 15 LR. dist. marked $\frac{1}{4}$ D B F

49.40 Dry gulch course DW

86.00 Set a post 4 ft. long 4 ins. sq. 2 4 ins.
 in ground for cor. to sec. 28, 29,
 32 + 33, marked J 4 D R 34 E D 28 on
 W E, J 4 D R 34 E D 29 on W W
 D 32 on D W and D 33 on D E. faces
 with 1 notch on D and 4 notches on
 E edges.

from which

A fir 32 ins. in dia. bears $N 70^{\circ} E 56$ LR,
 dist. marked. J 4 D R 34 E D 28 B F

A fir 17 ins. in dia. bears $N 65^{\circ} W 37$ LR. dist
 marked. J 4 D R 34 E D 29 B F

A fir 16 ins. in dia. bears $S 53^{\circ} W 51$ LR. dist
 marked. J 4 D R 34 E D 32 B F

A fir 36 ins. in dia. bears $S 54^{\circ} E 58$ LR. dist
 marked J 4 D R 34 E D 33 B F

Land from mountains and rolling

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

Soils 2" & 3" rate,
 heavily timbered with pine fir,
 and tamarack, and some under-
 growth of same kinds of wood.

Dec 11" 1882

East on a random line bet. Decs. 28 & 33
 Va. 20° 30' East

- 9.00 Old wagon road bears NW & SE,
 40.00 Det temporary $\frac{1}{4}$ Sec Cor, 30 ft,
 below Dec cor.
 56.52 Spring branch 2 1/2 R. wide runs SE,
 20 ft, below $\frac{1}{4}$ Dec cor.
 80.39 Intersect W & E line 4 1/2 R. north of
 the Cor. to Decs. 27, 28, 33 & 34 - 50 ft
 above Spring Branch
 Phenax Iron

N 89° 40' W on a true line bet. Decs 28 & 33

- 40.20 Det a post 3 ft. long 3 in sq. 24 in in
 ground for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ Sec W,
 far, from which

A pine 4 in. in dia. bears W 23° E 5 1/2 R. dist

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

marked $\frac{1}{4}$ D B F

A pine 7 ins. in dia. bears S 10° E 6 1/2 ft dist
marked $\frac{1}{4}$ D B F

80,39. The cor. to Dec. 28, 29, 32 + 33

Land mountain and
rolling, Soil 2" at
Timber pine fir and
hemlock and on a very
rowth of same kinds of wood

North between Dec. 28, 29

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

12,65 Old Wagon road bears NW + SE

32,80 Enters Opening bears E + W

40,00 Into Basalt Stone $14 \times 9 \times 6 \frac{1}{2}$ ft in
in ground for $\frac{1}{4}$ sec, col,

marked $\frac{1}{4}$ or W, from which

A pine 7 ins. in dia. bears N 12° E 23 1/2 ft
dist. marked $\frac{1}{4}$ D B F

A pine 34 ins. in dia. bears N 15° W

174 ft. dist, marked $\frac{1}{4}$ D B F

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

43.50 ⁵⁰Lean opening and entrance timber
 bears E & W

71.86 A piece 40 ins. in dia.

80.00 Det of Basalt Stone 24 x 12 x 6 ¹⁸ ins.
 in ground for cor. to Secs. 20, 21, 28
 & 29, marked with 2 notches on D,
 and 4 notches on Edges.

from which

A fir 7 ins. in dia. bears N 37° E 151 R. dist
 marked, T 4 D R 34 E D 21 B F

A piece 40 ins. in dia. bears N 22° W 121 R.
 dist. marked T 4 D R 34 E D 20 B F

A piece 12 ins. in dia. bears S 71° W 127 R. dist
 marked T 4 D R 34 E D 29 B F

A piece 32 ins. in dia. bears S 22° E 106 R.
 dist. marked T 4 D R 34 E D 28 B F

Land rolling and mountainous

Soil 2" L 3" rate

Heavily timbered with pine
 hemlock and fir 69, 30 ch, and
 some undergrowth of some
 kinds of wood

708
 Subdivision of T. 4 South R. 34 East

Willamette Meridian, Oregon.

East on a random line bet. Dec. 21 & 28
 40.00 Dit temporary $\frac{1}{4}$ Dec, cor. Var. $20^{\circ}30'$ East
 45.40 Dry gulch course North
 50.50 Old wagon road bear $N20^{\circ}E$ & $S20^{\circ}W$
 80.20 Intersect w. S.D. line at the cor. to
 sec. 21, 22, 27 & 28 - 40 ft. above
 Dry gulch

Thence I run

West on a true line bet. Dec. 21 & 28
 40.10 Dit a Basalt Stone $13 \times 10 \times 6$ ins.
 in ground for $\frac{1}{4}$ sec, cor. marked
 $\frac{1}{4}$ on N. face. from which
 A pine 2 ins. in dia. bears $S48^{\circ}E$ 139 lb.
 dist. marked $\frac{1}{4}$ D B F
 A pine 1 1/2 ins. in dia. bears $N38^{\circ}W$ 59 lb.
 dist. marked $\frac{1}{4}$ D B F

80.20 The cor. to Dec. 20, 21, 28 & 29
 Land mountainous and
 rolling; Dec 2's ate
 heavily timbered with pine
 tamarack and fir and some
 undergrowth of same wood

Subdivision of T. 4 South R. 34 E. 200
 Willamette Meridian, Oregon.

North between Secs. 20 & 21

γ , $20^{\circ} 30'$ East

40.00 Dita Basalt Stone $20 \times 8 \times 5$ in. ¹⁵ in.
 in ground for $\frac{1}{4}$ sec. 20, marked
 $\frac{1}{4}$ on W. face, from which

A pine 18 ins. in dia. bears $S 82^{\circ} E 166$ Mk. dist.
 marked $\frac{1}{4}$ D B F

A pine 15 ins. in dia. bears $S 87^{\circ} W 94$ Mk.
 dist. marked $\frac{1}{4}$ D B F

60.00 Descend hill bears $E \& W$

78.25 Creek 12 Mk. wide runs $N E$ 600 ft.
 below point of descending hill
 and Ascend

80.00 Dita Basalt Stone $20 \times 15 \times 5$ in. ¹⁵ in.
 in ground for $\frac{1}{4}$ sec. 16, 17,

20 & 21 - 50 ft. above creek marked
 with 3 notches on D, and 4 notches on E,
 edges, from which

A pine 6 ins. in dia. bears $N 16^{\circ} E 43$ Mk. dist.
 marked $\frac{1}{4}$ D ^{R 34 E} 16 B F

A pine 7 ins. in dia. bears $N 17^{\circ} W 43$ Mk. dist.
 marked $\frac{1}{4}$ D ^{R 34 E} 17 B F

710

60

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

A pine 30 ins. in dia. bears $S 53^{\circ} E 10$ lb.
T. 4 S R 34 E
cut, marked $S 21$ B J

A tamarack 18 ins. in dia. bears $S 45^{\circ} W$
T. 4 S R 34 E
50 lb. cut, marked $S 20$ B J

Land mountainous and
rolling. Soil 2" rate,
heavily timbered with pine, tamar-
ack and fir, and dense
undergrowth of saw wood

East on a random line bet. Dec. 16, & 21
Var. 21° East

1,750 Creek 12 lb. wide runs $W E$, 50 ft. below
Dec. 16,

7,450 Creek 6 lb. wide runs North, and
Ascend

3,000 Top of ridge bears W , & S , 200 ft.
above creek, and descend

3,800 Ravine course S , 150 ft. below
top of ridge

4,000 Det temporary $\frac{1}{4}$ Dec. 16,

Subdivisions of T. 4 South R. 34 East 711
 Willamette Meridian, Oregon.

80.14 Intersect W O D. line 29 R. South
 of the cor. to sec. 15. 16. 21 + 22
 Thru Iron

D 89' 48" W on a true line bet. Dec. 16 + 21
 40.07 Det or Basalt Stone 16 x 12 x 8 ^{1/2} 11 in.,
 in ground for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ on W. face. from which

A pine 36 ins. in dia. bears N 23° E 52 R.
 dist marked $\frac{1}{4}$ D B J

A pine 7 ins. in dia. bears S 23' W 66 R.
 dist. marked $\frac{1}{4}$ D B J

80.14 Thru cor. to sec. 16. 17. 20 + 21
 Land mountain area

Loc. 2" rat

heavily timbered with pine
 tamarack and fir and
 dense undergrowth of saw
 wood

~~October 31 - 1882~~

North between Dec. 16 + 17
 Va. 21° East

Ascend along hillside

38.00 Top of point of hill bears NE &

Subdivisions of T. 4 South R. 34 East

Willamette Meridian, Oregon.

See 300 ft. above Dec. Col.
and Descend

40.00 Det a Basalt Stone 17 x 9 x 7 ¹²/₁₆ ins
in ground for use as col, 150 ft
below point of ascending hill
marked 4 on W. face, from which
A pine 8 ins. in dia. bears N 53° W 13 MR.
dist. marked ¹/₄ D B F

A pine 5 ins. in dia. bears S 54° E 14 MR.
dist. marked ¹/₄ D B F

46.50 Ravine course NE 150 ft. below
¹/₄ sec. col. and Ascend

80.00 Det a Basalt Stone 18 x 10 x 4 ¹²/₁₆ ins.
in ground for col to sec. 8, 9,
16 & 17, 300 ft. above Ravine
marked with 4 notches on S and
Edges, from which

A pine 5 ins. in dia. bears N 57° W 38 MR.
dist. marked ^{T. 4 S} R 34 E D 8 B F

A pine 4 ins. in dia. bears N 43° E 4 MR.
dist. marked ^{R 34 E} T 4 S D 9 B F

A pine 30 ins. in dia. bears S 47° E

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

T. 4 S R 34 E

39 LR. dist. marked, D, 16 B F

A pine 30 ins. in dia. bears S 46° W 31 LR.

T. 4 S R 34 E.

dist. marked, D 17 B F

Land mountainous

Soil 2" rate

Heavily timbered with pine,
Tamarack and fir and dense
undergrowth of same wood

East on a random line bet. Sec. 9 & 16

Var 211° East

Descend

37.00 Creek 10 LR. wide in various courses
N E, 350 ft. below Sec. cor.

Ascend from creek

40.00 Dit temporary 1/4 sec. cor. 75 ft. at one
creek

60.00 Top of ridge bears N + D 200 ft.
above 1/4 sec. cor. and descend

79.70 Intersect N + D. line 15 LR. South
of the cor. To sec. 9, 10, 15 & 16, 200 ft

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

below top of ridge
Thence down

S 89° 54' W on a true line bet. Dec. 9 & 16

39.85 Set a post 3 ft. long 3 in. sq. 24 in.
in ground for $\frac{1}{4}$ sec cor., marked $\frac{1}{4}$
 $\frac{1}{4}$ Down W. face, from which

A pine 5 in. in dia. bears N 34° E 4 lb.,
dist. marked $\frac{1}{4}$ D. B. F.

A fir 4 in. in dia. bears S 3° W 4 lb., dist.
marked $\frac{1}{4}$ D. B. F.

79.70 The cor. to Dec. 8, 9, 16 & 17

Land mountainous,

Soil D^{ro}te

Heavily timbered with pine
fir and tamarack, and
dense undergrowth of same
kinds of wood

North between Dec. 8 & 9

To 21' East

12.40 Ravine course N E 100 ft below

Sec. cor.

Subdivision of T. 4 South R. 34 East 715
 Willamette Meridian, Oregon.

- 46.00 Ditch Basalt Stone $26 \times 8 \times 5 \frac{1}{4}$ in
 in ground for $\frac{1}{4}$ sec cor, marked
 $\frac{1}{4}$ on W. face, from which
 A pine 48 ins. in dia. bears $W 27^\circ E 14.2$ lbs.
 dist. marked $\frac{1}{4}$ D B F, and
 raised a mound of stone along
 side. Pits impracticable
- 55.00 Descend steep hill bears E & W
- 66.50 Brook 3 lbs. wide in Canon runs
 $NE 40$ ft below $\frac{1}{4}$ sec cor,
 and Ascend
- 80.00 Ditch Basalt Stone $18 \times 12 \times 5 \frac{1}{2}$ in
 in ground for cor. to sec. 4, 5, 8 & 9
 200 ft above Creek marked with
 5 notches on D and 4 notches on E
 edge. from which
 A pine 18 ins. in dia. bears $W 20^\circ W 49$ lbs.
 dist. marked ^{T. 4 S} R 34 E D 5 B F
- A pine 24 ins. in dia. bears $D 36^\circ W 83$ lbs.
 dist. marked ^{T. 4 S R 34 E} D 8 B F
- A pine 18 ins. in dia. bears $D 7^\circ E 43$ lbs. dist.
 marked ^{T. 4 S R 34 E} D 9 B F

66

Subdivision ⁷¹⁶ of T. 4th South R. 34 East
Willamette Meridian, Oregon.

Apine Point, in dia. bears $N 8^{\circ} E 26$ M.
dist. marked $J 4 D 4 B F$
^{R 34 E}

Land mountainous

Soil 2nd rate.

Heavily timbered with pines
tamarack and fir, and dense
undergrowth of same woods

Dec 12th 1883

East on a random line bet. Sec. 4 & 9
Var. $19^{\circ} 30'$ East

Descent from cor.

40.00 Dit temporary $\frac{1}{4}$ see cor.

42.10 Creek 20 ft. wide runs $N E 20$ ft.
below Dec. cor. and ascends

72.00 Top of ridge bears $N E$ & $S W$ 300 ft.
above Creek, and Descent

80.08 Intersect road, line 7 lb. south
of the cor. to Dec. 3, 4, 9 & 10 -
100 ft. below top of ridge

Thence down

$S 89^{\circ} 54' W$ On water line bet. Sec. 4 & 9

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

40.04 Det a Basalt Stone $18 \times 12 \times 3\frac{1}{2}$ ins
in ground for $\frac{1}{4}$ sec cor. marked
 $\frac{1}{4}$ on W. face. from which

A pine 24 ins. in dia. bears $N 10^{\circ} E 25$ lb.
dist. marked $\frac{1}{4}$ D B F

A pine 18 ins. in dia. bears $S 32^{\circ} E$
32 lb. dist. marked $\frac{1}{4}$ D B F

80.08 The cor. to Secs. 4, 5, 8 & 9

Land mountainous,

Soil 2" at

heavily timbered with pine
hemlock and fir, and dense
undergrowth of saw woods

~~North between Secs. 4 & 5~~

~~to $19^{\circ} 30'$ East~~

~~40.00 Det a Basalt Stone $12 \times 9 \times 6$ ins.~~

~~in the ground for $\frac{1}{4}$ sec cor.~~

~~marked $\frac{1}{4}$ on W. face, from which~~

~~A pine 45 ins. in dia. bears $N 27^{\circ} E 68$ lb.~~

~~dist. marked $\frac{1}{4}$ D B F~~

1718

68

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

North on a random line bet. sees. 4 & 5

var $19^{\circ}30' E.$

40.00 Set a temporary $\frac{1}{4}$ sec cor

67.85 Intersect North boundary of the Sp.
58 lks West of cor to sees 4 & 5. which is
a post 4 ins square. marked
T 4 S R 34 E on the S. S 4 on E and S. 5.
on N. faces with 4 notches on the East
and 2 notches on N. faces. from which
a fir 10 ins. diam. bears $S 50^{\circ} E$ 9 lks dist.
marked T 4 S R 34 E. S 4 B. T.

a tamarack 26 ins. diam. bears $S 50^{\circ} W.$ 3 lks dist
marked T 4 S R 34 E. S 5 B. T.

Thence I run -

$S 0^{\circ} 28' W.$ on a true line bet see 4 & 5.

with same var.

27.85 Set a basalt-stone $12 \times 9 \times 6$ ins
8 ins in the ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on West-face - from
which

a pine 45 ins diam. bears $N 27^{\circ} E$ 68 lks
dist. marked $\frac{1}{4}$ S. B. T.

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

A pine 36 in diam. bears S 78° W 35 lbs dist-
marked 4 & B.T.

67.85 The Cor to sec. 4, 5, 8 & 9.

Land high and hilly -
soil 2d rate

Heavily timbered with pine for
timber 67.85 chs.

²⁴ From the Cor. to Secs. 5, 6, 31 & 32
on the South boundary of the town-
ship, which is a Basalt Stone
18 x 15 x 8 ⁱⁿ 12 in. in ground marked
with 5 notches on E and 1 notch on

720

70

Subdivision of T. 4 South R. 34 East

Willamette Meridian, Oregon.

- Wedges, from which
- A pin 1 in. in dia. bears $S 82^{\circ} E 172$ lks. dist. marked, T5 S R 34 E S 5 B F
 - A pin 4 in. in dia. bears $N 68^{\circ} E 110$ lks. dist. marked T4 S R 34 E S 32 B F
 - A pin 12 in. in dia. bears $N 38^{\circ} W 127$ lks. dist. marked T4 S R 34 E S 31 B F
 - A pin 12 in. in dia. bears $S 70^{\circ} W 39$ lks. dist. marked, T5 S R 34 E S 6 B F

Iron

North between Secs. 31 & 32

Var. $23^{\circ} 30'$ East

19,85 Spring Brook 2 lks. wide runs NW

28,35 Fence of corner bears E + W

31,48 " " " " " E + W

34,75 Creek 1 lks. wide runs W, 50 ft. below Sec. cor.

40,00 Det a Basalt Stone $15 \times 12 \times 4$ in. in ground for $\frac{1}{4}$ sec cor. 50 ft. above creek marked $\frac{1}{4}$ on W. face from which

Subdivision of T. 4 South R. 34 East ⁷²¹
 Willamette Meridian, Oregon.

A pin 34 ins. in dia. bears $N 57^{\circ} W$
 47 lks. dist. marked $\frac{1}{4}$ D B F

A pin 10 ins. in dia. bears $S 16^{\circ} E$ 103 lks.
 dist. marked $\frac{1}{4}$ D B F

8000 Det a Basalt stone $17 \times 12 \times 7 \frac{1}{2}$ ins.
 in ground for cor. to sec. 29, 30,
 31 & 32 - 50 ft above $\frac{1}{4}$ sec. cor.
 marked with 1 notch on D and 5
 notches on E edges. from which

A pin 26 ins. in dia. bears $N 41^{\circ} E$ 108 lks. dist.
 marked. T 4 D R 34 E D 29 B F

A pin 10 ins. in dia. bears $N 45^{\circ} W$ 112 lks.
 dist. marked. T 4 D R 34 E D 30 B F

A pin 20 ins. in dia. bears $S 41^{\circ} W$ 110 lks. dist.
 marked T 4 D R 34 E D 31 B F

A pin 8 ins. in dia. bears $S 27^{\circ} E$ 109 lks. dist.
 marked T 4 D R 34 E D 32 B F

Land mountainous and rolling
 Soil 2" or at

Heavily timbered with pine, fir,
 and tamarack ^{80chs.} and some under
 growth of same character

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

Eastward random line bet Secs 29 & 32
Var. $21^{\circ}15'$ East

20.70 Dry Gulch course South 30 ft.
below Sec. cor.

40.00 Dit temporary $\frac{1}{4}$ sec cor.

79.90 Intersect W. & S. line 12 lb. N of
the cor. to sec. 28, 29, 32 & 33
Thence I saw

$N 89^{\circ}55'$ W on astral line between Sec. 29 & 32

39.95 Set a Basalt Stone $14 \times 10 \times 4$ in.
in ground for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on W. face. from which

A pine 7 in. in dia. bears $S 78^{\circ} E$ 71 lb.
dist, marked $\frac{1}{4}$ D B J

A pine 12 in. in dia. bears $N 84^{\circ} W$ 15 lb.
dist, marked $\frac{1}{4}$ D B J

79.90 The cor. to sec. 29, 30, 31 & 32

Land mountainous and
rolling,

Soil 2" rate,

Timber prin. fir and tamarack

and some undergrowth of same
kinds of wood

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

West on a random line bet. Secs. 30 & 31

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

19.70 Spring branch 2 lks. wide runs S.
 40 ft. below Dec. cor.

40.00 Det temporary $\frac{1}{4}$ sec. cor.

80.60 Intersect - W. boundary of the Tp. at the
 cor. to Secs. 25, 30, 31 & 36. which is a basalt-
 stone $13 \times 10 \times 7$ ins. ^{firmly set in ground} marked with 5 notches on N.
 1 notch on S. edges. from which, a pine
 10 ins. diam. bears S. 36° W. 20 lks. dist. marked
 T48, R 33 $\frac{1}{2}$ E. S 30. B. T. A pine 10 ins. diam. bears
 N 66° E 60 lks. dist. marked T45, R 34 E. S 30. B. T.
 A pine 15 ins. diam. bears S. 28 E. 48 lks. dist. marked
 T48, R 34 E. S. 31, B. T. A pine 8 ins. diam. bears
 N 74° W 10 lks. dist. marked T48, R 33 $\frac{1}{2}$ E. S. 25. B. T.

Thence I run

East on a true line bet. Secs. 30 & 31

Var. 19° East

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

- 40.60 Dit of Basalt Stone $18 \times 10 \times 6 \frac{1}{4}$ ins.
in ground for $\frac{1}{4}$ sec, cor. marked
 $\frac{1}{4}$ on N. face from which
A pine 9 ins. in dia, bears $N 22^{\circ} W 31$ lks.
dist. marked $\frac{1}{4}$ D B J
A tamarack 7 ins. in dia, bears $S 14^{\circ} E$
29 lks. dist. marked $\frac{1}{4}$ D B J

80-60 The cor. to Dees, 29, 30, 31 & 32
Land Mountainous and rolling
foci 2" & 3" at
heavily timbered with pine, fir
and tamarack, and some
undergrowth of same wood
Dec 13th 1882.

North between Dees, 29 & 30

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

- 29.62 Spring branch 2 lks. wide runs SW
40.00 Dit of Basalt Stone $16 \times 7 \times 7 \frac{1}{4}$ ins.
in ground for $\frac{1}{4}$ sec, cor. marked
 $\frac{1}{4}$ on W. face from which
A pine 48 ins. in dia, bears $N 52^{\circ} E 36$ lks. dist

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

marked $\frac{1}{4}$ D B F

A pine 40 ins. in dia. bears S 85° W 672 R.
dist. marked $\frac{1}{4}$ D B F

47.50 Enter Prairie bears E + W

67.50 Leave Prairie bears E + W

77.50 Spring branch 5 lks. wide runs N 70° W
and enters opening bears N 70° W + S 70° E

80.00 Set a Basal Stone 15 x 12 x 8 $\frac{1}{4}$ 10 ins. in
ground for cor. to Dec. 19, 20, 29 + 30
marked with 2 notches on D and 5
notches on E edges. from which

A pine 7 ins. in dia. bears N 29° E 208 R.
dist. marked T 4 D R 34 E D 20 B F

A pine 26 ins. in dia. bears N 61° W 325 R.
dist. marked T 4 D R 34 E D 19 B F

A pine 45 ins. in dia. bears S 52° W 144 R.
dist. marked T 4 D R 34 E D 30 B F

A pine 16 ins. in dia. bears S 17° E 166 R. dist.
marked T 4 D R 34 E D 29 B F

and raised a mound of stone
along side. Pits impracticable

Land mountainous and rolling

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

Site 2's site

Heavily timbered with pine, fir,
and tamarack, and some
undergrowth of same, ^{Kind of wood} 57.52 chs.

East on a random line bet. Decs. 20 & 29
Var. $19^{\circ}45'$ East

4.75 Leave Opening and enter timber
bears NW & E.

16.79 Spring branch 5 M. wide runs
S 70° W

17.80 Same branch 5 M. wide runs N 70° W

32.30 Old wagon road bears NW & SE

40.00 Det temporary $\frac{1}{4}$ sec. cot.

66.35 Spring branch 2 M. wide runs North

80.00 Intersect NW & E. line 2 M. North of
the cot. to Decs. 20, 21, 28 & 29

Thence I run

N $89^{\circ}51'$ W on a true line bet. Decs. 20 & 29

40.00 Det a Basalt Stone $13 \times 11 \times 6'$ ⁱⁿ 9 ins.
in ground for $\frac{1}{4}$ sec. cot. marked &

Section division of T. 4 South R. 30 East
Willamette Meridian, Oregon.

727

$\frac{1}{4}$ on W. face, from which
A pine 24 ins. in dia. bears $N 42^{\circ} E 22$ lk. dist.
marked $\frac{1}{4}$ D B J

A pine 40 ins. in dia. bears $S 52^{\circ} E 217$ lk. dist.
marked $\frac{1}{4}$ D B J

80.00 The cost to Decs, 19, 20, 29 & 30

Land mountainous and rolling
Soil fertile

Timber pine fir, and tamarack
~~November 9th 1889~~

West on a random line bet. Decs, 19 & 30
to $19^{\circ} 45'$ East

21.00 Bear's Opening and dense timber bears
NW & SE

58.50 Spring branch 5 lks. wide runs $N 75^{\circ} W$
40.00 ~~See temporary $\frac{1}{4}$ sec. cot.~~

47.08 Spring branch 3 lks. wide runs $S W$ 40 ft
below $\frac{1}{4}$ sec. cot.

~~95.00 Brook 4 lks. wide runs South~~

~~150.50 Brook 5 lks. wide runs S, E.~~

~~204.00 Brook 6 lks. wide runs S, E.~~

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

265.52 Intersect W boundary of the township
44th North of the Cor to Dec. 19 &
30, which is a post 4 ft. long 4 ins. sq,
24 ins. in ground marked
T4 S R 34 E on E, S 19 on W and
S 30 on D. faces, with 2 notches on
S and 4 notches on N. faces,
from which

A pine 7 ins. in dia. bears N 11° E 41 R, dist
marked T4 S R 34 E S 19 B J

A tamarack 7 ins. in dia. bears S 17° E 9 R,
dist. marked T4 S R 34 E S 30 B J

A pine 7 ins. in dia. bears S 47° W 22 R, dist.
marked T4 S R 33 E B J

Thence I run

N 89° 41' E on a tree line bet. Dec. 19 + 30
with same va ~~va. 21° East~~

40.52 Set a Basalt Stone 18 x 12 x 5 ¹/₂ x 12 ins.
in ground for ¹/₄ Sec. Cor, marked
¹/₄ on N. face, from which

A pine 4 ins. in dia. bears N 25° E 22 R,
dist marked ¹/₄ S B J

728A

728A

St. 52 Intersect-W. boundary of T₄ 44 lks. N. of
which is a basalt stone. 15 x 10 x 8 ins. firmly set in ground
Cor. to Secs 19, 24, 25 T30, marked with 4 notches on
N. and 2 notches on S edges. from which
A pine 30 ins. diam. bears S 57° W 113 lks. dis-
marked T 4 S. R. 33 1/2 E. S. Q. 5. B. T.
and mound of stone alongside.

Book 280

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

A pine 34 ins. in dia. bears S 70° E 812 K. dist
marked $\frac{1}{4}$ D B J

80.52 The cor. to Dec. 19, 20, 29 & 30
Land mountainous and rolling
Soil 2" rate,

heavily timbered with pine, tanbark
oak and fir, and some
dense undergrowth of same kinds
of wood.

North between Dec. 19 & 20
Var. 19° 45' East

30.00 Old wagon road bears NW & SE

40.00 Put a Basalt Stone 16 x 10 x 7 $\frac{1}{2}$ ins.
in ground for $\frac{1}{4}$ Dec. cor., marked
 $\frac{1}{4}$ on W. face, from which

A fir 18 ins. in dia. bears S 67° E 232 K.
dist marked $\frac{1}{4}$ D B J, and raised
a mound of stone along side

Pits impracticable

66.00 Branch 6 Ks. wide in Ravine runs
NE, 50 ft. below $\frac{1}{4}$ Dec. cor.

80

730

Sub-division of T. 4 South R. 34 East

Willamette Meridian, Oregon.

Procut a Basalt Stone $18 \times 9 \times 5 \frac{1}{2}$ ins.
in ground for cor. to Decs: 17, 18,
19 & 20, marked with 3 notches on
D, and 5 notches on Edge.

from which

A pin 12 ins. in dia. bears S $74^{\circ} W$ 57 LR, dist.
T. 4 S R. 34 E
marked X S 19 B J

A pin 24 ins. in dia. bears N $28^{\circ} W$ 59 LR.
S 4 S
dist. marked X R 34 E S 18 B J

A pin 15 ins. in dia. bears N $67^{\circ} E$ 69 LR.
R 34 E
dist. marked T 4 S S 17 B J

A pin 18 ins. in dia. bears S $53^{\circ} E$ 142 LR.
T. 4 S R. 34 E
dist. marked X S 20 B J

Land mountainous and rolling
Doubt rate

Heavily timbered with pine,
Tamarack and fir, and some
dense undergrowth of same
kind of wood

East on a random line bet. Decs. 17 & 20
Var 20' East

Subdivision of T. 4 South R. 34 East 731
 Willamette Meridian, Oregon.

Gradually Descend

17.50 Brook 3 lks. wide in Ravine runs
 NE, 75 ft. below Sec. Cor.

29.90 Creek 10 lks. wide runs SE,
 and ascend

40.00 Set temporary $\frac{1}{4}$ Sec. cor. on top of
 ridge 75 ft. above creek

45.00 Gradually descend

61.50 Creek 10 lks. wide runs NE 75 ft. below
 $\frac{1}{4}$ sec. cor.

72.55 Creek 10 lks. wide runs SE, and
 ascend over point of hill

80.00 Intersect N. & D. line at the cor. to Sec.

16, 17, 20 & 21, 75 ft above Creek

Thence I run

West on a true line bet. Secs. 17 & 20

40.00 Set a Basalt Stone $24 \times 12 \times 5 \frac{1}{2}$ 18 ins.
 in ground for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on N. face and raised a
 mound of stone alongside, this
 impracticable

80.00 The cor. to Secs. 17, 18, 19 & 20

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

Land mountains.

Loc 1st and 2nd are
 heavily timbered with fir, and
 some dense undergrowth of
 woods
 same on W $\frac{1}{2}$

Dec 14th 1882

West on random line bet. Decs. 18 & 19
 Var. 20° East

- 40.00 Det temporary $\frac{1}{4}$ sec. cor.
 41.25 Small ravine course South
 43.50 Old wagon road bears N. & D.
 50.00 Old wagon road bears N. & D.

80.40 Intersect - N. boundary of Tp. 30 lks. N. of
 cor. to Decs. 18, 19, 13 & 24 which is a fir 24 ins.
 diam marked T4 S. S 18 on NE, R34 E. S 19. on S. E
 R 33 $\frac{1}{2}$ E. S 24 on SW, and S 13. on NW faces, and
 3 notches on the N. & S. sides, from which
 A pine 26 ins. diam. bears N 48° E 23 lks. dist.
 marked T4 S R 34 E. S 18. B.T.

83

733

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

A pine 27 ins. diam. bears S 24° E 29 lks dist-
 marked T 4 S R 34 E S 19 B J

A pine 8 ins. diam. bears S 14° W 23 lks. dist-
 marked T 4 S R 33½ E. S 24 B. J.

A fir 24 ins. diam bears N 34° W. 55 lks. dist-
 marked T 4 S R 33½ E. S. 13 B. J.

Thence I ran

N 89° 47' E on a tree line bet. Dec. 18 & 19

Ta. 50° 30' East

40.40 Det of Basalt Stone 17 x 9 x 5 in. 12 in.
 in ground for ¼ sec. cor. marked
 ¼ on W. face. from which

A pine 18 ins. in dia. bears S 2° E 68 lks. dist.
 marked ¼ D B J

A pine 60 ins. in dia. bears N 50° W 393 lks
 dist. marked ¼ D B J

80.40 The cor. to Dec. 17, 18, 19 & 20

Land mountainous, soil 2" rate
 heavily timbered with pine fir,
 and tamarack and dense
 undergrowth of same kinds of wood

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

North between Decs. 17 + 18
Var 50° East

27.10 Ravine course D E

40.00 Lta Basalt Stone $24 \times 15 \times 3$ ins

in ground for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on W. face from which

A pine 4 ins. in dia. bears $S 55^{\circ} E$ 175 lks.

dist. marked $\frac{1}{4}$ D B F, and raised
a mound of stone alongside

It is impracticable

80.00 Lta Basalt Stone $15 \times 12 \times 4$ ins

in ground for cor. to Decs. 7, 8,
17 + 18, marked with 4 notches on D,

and 5 notches on E edges

from which

A pine 6 ins. in dia. bears $S 33^{\circ} E$ 11 lks.

$T. 4 S R. 34 E$
dist. marked $\frac{1}{4}$ D 17 B F

A pine 9 ins. in dia. bears $S 60^{\circ} W$ 104 lks.

$T. 4 S R. 34 E$
dist. marked $\frac{1}{4}$ D 18 B F

A tamarack 20 ins. in dia. bears $N 37^{\circ} W$

$T. 4 S$
65 lks. dist. marked $\frac{1}{4}$ R 34 E D 7 B F

A pine 36 ins. in dia. bears $N 21^{\circ} E$ 148 lks.

Subdivision of T. 4 South R. 34 East 735

Willamette Meridian, Oregon.

R 346

dist. marked T. 4 S. D. & B. J

Land mountainous and rolling
Soil 2nd rate

Heavily timbered with pine with a few
small glades. Compared compass
with line established by an observation on
on the Star Polaris and find it correct

~~run November 3rd 1882~~

East on a random line bet. Decs. 8 & 17

Tr. 20° 15' E

14.50 Ravine course South

40.00 Int temporary $\frac{1}{4}$ sec. cor.

45.00 Head of ravine course North

79.92 Intersect N + S. line 29 lks. North
of the cor. to Decs. 8, 9, 16 & 17

Thence I run

N 89° 48' W on a true line bet. Decs. 8 & 17

39.96 Set a Basalt Stone 24 x 18 x 3 $\frac{1}{4}$ 18 ins.

in ground for $\frac{1}{4}$ sec. cor. marked

$\frac{1}{4}$ on N. face. from which

Set 18 ins. india. bears N 63° W 29 lks. dist
marked $\frac{1}{4}$ D B J

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

A fir 24 ins. in dia. bears S 52° E 35 lbs
dist. marked $\frac{1}{4}$ A B J

79.92 The cor. to Decs. 7, 8, 17 & 18

Land high and mountainous
Soil 2" or 3"

Heavily timbered with pine, fir
and tamarack, and dense
undergrowth of same ^{character} on E $\frac{1}{2}$

West on a random line bet. Decs. 7 & 18

Var. 20° 15' East

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

61.00 Wagon road bears W. & S.

80.70 Intersect the N. boundary of the
Township at cor. to sec. 7, 12, 13
and 18 which is a basalt-stone
12 x 12 x 8 ins marked with 2 notches
on the N. and 4 notches on S.
Edges.

from which

87

Subdivision of T. 4 South R. 34 East 737
Willamette Meridian, Oregon.

Willamette Meridian, Oregon.

A pine 24 ins. diam. bears N 57° E. 234 lks. dist.
marked T 4 S R 34 E - S 7. B. J.

A pine 12 ins. diam. bears S 57° E 20 lks. dist.
marked T 4 S R 34 E. S 18. B. J.
with pits and mound of earth
alongside -

Thence I run

East over a tree line bet. Dees. 7 + 18
Va. 20° East
40.70 Set a post 3 ft. long 3 ins. sq. 24 ins. in
ground for $\frac{1}{4}$ Sec. cor. marked $\frac{1}{4}$ D
on W. face. from which

A pine 3 $\frac{1}{2}$ ins. in dia. bears N 11° E 39 lks. dist.
marked $\frac{1}{4}$ D B J

A pine 18 ins. in dia. bears S 86° W 2 32 lks. dist.
marked $\frac{1}{4}$ D B J

80.70 The cor. to Dees. 7. 8. 17 + 18

Land Mountainous.

Soil 2" sate. Heavily timbered
with pine, fir and tanwack, and
dense undergrowth of same woods

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

North between Decs. 7 & 8

Var. $25^{\circ} 15'$ East

40.00 Set a Basalt Stone $30 \times 18 \times 3$ in
2.5 ins in ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on W. face.

from which

A pine 4 ins. in dia. bears $S 46^{\circ} W 13$ lks. dist
marked $\frac{1}{4}$ D B J

A pine 60 ins. in dia. bears $S 44^{\circ} E 16$ lks. dist
marked $\frac{1}{4}$ D B J

61.50 Brook 5 lks. wide runs N. E.

80.00 Set a Basalt Stone $18 \times 12 \times 5$ in
in ground for cor. to Decs. 5, 6,

7 & 8, marked with 5 notches on
D and E. edges, from which

A pine 36 ins. in dia. bears $S 62^{\circ} W 64$ lks.
dist, marked $S 4 D R 34 E D 7 B J$.

No other trees in limits and raised
a mound of stone alongside.

Pits impracticable,

Land mountainous & rolling
Soil 2" rate

89

739

Subdivision of T. 4 South R. 34 East

Willamette Meridian, Oregon.

Heavily timbered with pine with a few small glades.

Dec 15th 1882

East on a random line bet. Dec. 5 & 8

Var. 21° 30' East

16.25 Brook 5 lks. wide in ravine runs North, 100 ft below Dec. cor.

20.00 Sabin and Gorral bears North 5 chs. dist.

33.40 Brook 2 lks. wide runs North

40.00 Det temporary $\frac{1}{4}$ sec. cor.

70.00 Descend hill bears N & D

80.00 Intersect N & D. line 14 lks. South of the cor. to Dec. 4, 5, 8 & 9 - 100 ft. below

point of descending hill

Thence I ran

S 89° 54' W on a true line bet. Dec. 5 & 8

40.00 Det a Basalt Stone 16 x 12 x 8 $\frac{1}{4}$ x 11 ins.

in ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face. No trees in limits

and raised a mound of

710

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

stone alongside, Pits impracticable
80.00 The cor. to Secs. 5, 6, 7 & 8
Land mountainous,
Soil fertile,
Heavily timbered with pine, fir
and tamarack, with small
glades at long intervals

West or a random line bet. Secs. 6 & 7
Var. $21^{\circ}30'$ East

28.05 Branch 3/4 blk. wide runs North
40.00 Set temporary 1/4 sec. cor.
70.00 Wagon road bears N. & S.
75.00 Ravine course North

80.00 Intersect - N. boundary of the Township
6 blks. S. of cor. to Secs. 1, 6, 7 & 12.
which is a basalt-stone $20 \times 20 \times 15$ ins
marked with 1 notch on the North
and 5 notches on the South edges
from which

Subdivision of T. 4 South R. 34 East ⁷⁴¹
Willamette Meridian, Oregon.

A fir 18 ins. diam. bears N 59° E. 42 lks dist.
marked T 4 S R 34 E. S 6 B. T.

A pine 40 ins diam. bears S 76° E 60 lks dist.
marked T 4 S R 34 E. S 7. B. T.

A pine 12 ins diam. bears S 68° W 169 lks dist.
marked T 4 S. R 33 1/2 E S 12. B. T.

A pine 10 ins. diam. bears N 20° W 53 lks dist.
marked T 4 S R 33 1/2 E S 1 B. T.

Thence I run

S 89° 57' East on a true line bet. Dec. 6 & 7

To, 20° 45' East

40.00 Set a post 3 ft. long 3 ins. sq. 24 ins.
in ground for 1/4 sec. cor. marked 1/4 D,
on N. fac. from which

A tamarack 5 ins. in dia. bears N 43° E 23 lks. dist.
marked 1/4 D B J

A tamarack 7 ins. in dia. bears S 2° W 13 lks.

Subdivision of T. 4 North R. 34 E

Willamette Meridian, Oregon.

dist. marked $\frac{1}{4}$ D B J

80.00 The cor. to Dec. 5, 6, 7 & 8

Land mountainous
Soil 2" data,

Heavily timbered with pine, fir,
and tamarack and dense
undergrowth of same woods

~~North bet Dec. 5 & 6~~

~~Var. $21^{\circ} 30'$ East~~

~~46.00 Det. Basalt Stone $18 \times 7 \times 7$~~

~~12 ins. in ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on W. face,~~

~~from which~~

~~A pine 11 in. in dia. bears $S 73^{\circ} E 106$ lks.~~

~~dist. marked $\frac{1}{4}$ D B J~~

~~A pine 36 in. in dia. bears $N 55^{\circ} W 179$ lks.~~

~~dist. marked $\frac{1}{4}$ D B J~~

~~67.74 Intersect North boundary of the
township 1984 lks. East of the cor.
to Dec. 31 & 32, which is a post~~

Sub-division of T. 4 South R. 34 East
Willamette Meridian, Oregon.

North on a random line bet-secs 5 & 6
Va $21^{\circ} 30' E$

40.00 Set temporary $\frac{1}{4}$ see cor.

67.74 Intersect - North boundary of the
Tr. 84 lks West of cor to secs 5 & 6
which is a basalt-stone $16 \times 14 \times 8$ ins.
marked with 5 notches on the East-
and 1 notch on West-edges from
which a pine 10 ins. diam. bears $S 16^{\circ} W$. 251 lks dist.
marked $T 4 S. R 34 E S. 6 B. T.$

a pine 18 ins. diam. bears $S 58^{\circ} E$ 160 lks dist.
marked $T 4 S R 34 E S. 5 B. T.$

Thence I run

$S 0^{\circ} 41' W$. on true line bet. secs. 5 & 6. with
same Va -

27.74 Set a basalt-stone $18 \times 7 \times 7$ ins. 12 ins
in the ground for $\frac{1}{4}$ see cor. marked
 $\frac{1}{4}$ on N. face. from which a pine 11 ins
diam. bears $S 73^{\circ} E$ 106 lks dist. - marked $\frac{1}{4} S B. T.$
A pine 36 ins. diam. bears $N 55^{\circ} W$. 179 lks. dist -
marked $\frac{1}{4} S B. T.$

67.74 The cor to secs. 5, 6, 7 & 8,

94

Subdivision of T. 4 South R. 34 East

Willamette Meridian, Oregon.

Land mountainous and
rolling. Soil 2nd rate

Heavily timbered with pine, fir, and
tamarack, and some dense
undergrowth of same character

~~on November 4th 1882~~

Dec 16th 1882

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

General Description

This township consists of high rolling table land, and mountains,

The soil is generally of 2nd & 3rd rate quality, except along the creeks where there is some good bottom land.

One claim has been taken in the Northern part of township in Dec, 5,

The township, with the exception of the N. E. portion is generally heavily timbered, with pine, fir and tamarack of good quality, with some undergrowth of fir, tamarack and pine.

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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.

