

FIELD NOTES.

On the survey of the *Subdivisional*
 Lines of *Township 4 South*
Range 33 1/2 East Willamette Meridian,
 Oregon, as surveyed by *Rufus S Moore*
 U. S. Deputy Surveyor, under his Contract No. *450*
 dated *June 12th* 1882.

Survey commenced *December 17th* 1882
 Survey completed *December 20th* 1882

NAMES AND DUTIES OF ASSISTANTS.

-, Compassman.
- Jammy Gutteridge*, Chainman.
- John Gutteridge*, Chainman.
-, Chainman.
-, Chainman.
- Joe Parodi*, Axeman.
-, Axeman.
-, Flagman.

401A Copy
See page 646
for original

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 T R 33 1/2 E. Willamette Meridian, Oregon.

James Guttridge, Chainman.
John Guttridge, Chainman.
_____, Chainman.
_____, Chainman.

Subscribed and sworn to before me, this 15th

day of August 1882
[SEAL.] Rufus S. 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 T. 4 T R 33 1/2 E. Willamette Meridian, Oregon.

Joe Parodi, Axeman.
_____, Axeman.

Subscribed and sworn to before me, this 15th

day of August 1882
[SEAL.] Rufus S. Moore
Notary Public

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Referring the Lines to the Pages of the Field Notes.

T. *4 South* R. *33 1/2 East* Will. Mer.

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|----|----|----|----|----|----|----|----|
| 6 | 5 | 4 | 3 | 55 | 2 | 23 | 1 |
| | | | | 53 | | | 21 |
| 7 | 8 | 9 | 10 | 49 | 11 | 19 | 12 |
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Subdivision of T. 4 South R. 33 1/2 East

Willamette Meridian, Oregon.

Having run the Entire
lines of the South and
East boundary of this
Township with same
Compass and assistants
I deem it unnecessary
to retrace the South & East
boundaries of Sec. 36
Survey commenced with
a Burt's improved solar
Compass December 17th
1882.

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Subdivision of T. 4 South R. 33 $\frac{1}{2}$ East

Willamette Meridian, Oregon.

I commenced at the
corner to Secs 1-2-35
and 36 on South side
of the Township which
is a basalt stone
24 x 15 x 15 in 18 in in
the ground marked with
1 notch on the East and
2 notches on the West
with pits 18 x 18 x 12 in
in each Sec 5 $\frac{1}{2}$ ft deep
and mound of earth
2 ft high and 4 $\frac{1}{2}$ ft
base alongside

Subdivision of T. 4 South R. 33 1/2 East
Willamette Meridian, Oregon.

Draw

North between Secs 35 & 36
Var 19° 40' East

Through timber

- 10.00 Enter heavy pine timber & descending to
- 37.00 Camas creek 10 lks wide runs West - 150
- 40.00 To the margin of a swampy bottom course E & W.
- Set basalt stone 15 x 12 x 8 ins 10 ins in the ground for 1/4 Sec corner marked 1/4 on W. face; from which
- A pine 4 ins diam bears S 70° W. 30 lks dirt marked 1/4 S.B.S.
- A pine 10 ins diam bears N 65° E. 96 lks dirt marked 1/4 S.B.S.
- 80.00 Set basalt stone 13 x 8 x 7 9 ins in the ground for corner to Secs. 25 - 26 - 35 & 36 marked with 1 notch on E and 1 notch on S. edges

401
 Subdivision of T. 4 South R. 33 1/2 East

Willamette Meridian, Oregon.

from which

A pine 5 in diam bears S 35°
 W. 15 lbs dirt marked

T. 4 S R 33 1/2 E S. 35 B. S.

A pine 4 in diam bears S
 47° E 10 lbs dirt marked

T. 4 S R 33 1/2 E S. 36 B. S.

A pine 4 in diam bears N
 54° E 20 lbs dirt marked

T. 4 S R 33 1/2 E S. 25 B. S.

A pine 4 in diam bears N.
 72° W 10 lbs dirt marked

T. 4 S R 33 1/2 E S. 26 B. S.

Land rolling

Soil 2^d rate.

Heavily timbered with
 pine fir and tamarack

N. 70 chains

Dense undergrowth of
 young pine and fir

Subdivision of T. 4 South R. 33 $\frac{1}{2}$ East

Willamette Meridian, Oregon.

East on random line

between Secs. 25 & 36

Var. 20° East

Through Timber

18.00 Ranchanel creek 6 lks wide
runs South - 50

40.00 Set temporary 1/4 Sec corner

79.86 Intersect the East ldy
of Township at the corner
of Secs 25-30-31 & 36.

which is a Basalt stone

13 x 10 x 7 in firmly set

in the ground marked

with 5 notches on N and

1 notch on S edge from which

a pine 10 in diam bears S 36° W 20 lks

dirt marked T. 4 S R 33 $\frac{1}{2}$ E S 36 B.S.

a pine 8 in diam bears N 74° W. 10 lks

dirt marked T. 4 S R 33 $\frac{1}{2}$ E S 25 B.S.

a pine 10 in diam bears N 66° E 60 lks

dirt marked T. 4 S R 34 E S 30 B.S.

a pine 15 in diam bears S 28° E 48 lks

dirt marked T. 4 S R 34 E S 31 B.S.

Subdivision of T. 4 South. 33 1/2 E.
 Willamette Meridian, Oregon.

- Thence I run
 West on true line bet
 Sec 25 + 36 with same Va
 39.93 Set basalt stone 9 x 9 x 6
 in 6 in in the ground
 for 1/4 Sec corner marked
 1/4 I on N face
 from which
 a pine 27 in diam bears
 S. 65° E 122 lbs dirt marked
 1/4 I B. I.
- A pine 24 in diam bears
 N 10° W 63 lbs dirt marked 1/4 I B. I.
- 79.86 The corner to Secs 25-26
 35 + 36
 Land gently rolling
 Soil 2d rate
 Heavily timbered with
 pine and fir
 Dense undergrowth
 of pine & fir the W 1/2.

Subdivisions of T. 4 South R. 33 1/2 East

Willamette Meridian, Oregon.

North between Secs 25 & 26

Var 20" East

Through timber

- 25.00 Ravine course East
- 31.00 Outing creek bottom course
NW & SE
- 39.50 a creek 10 lbs wide course S 20° E
- 40.99 Set Basalt stone 10 x 8 x 8 in
7 in in the ground for 1/4
Sec corner marked 1/4 on W
face from which
a pine 8 in diam bears S 78°
W 45 lbs dirt marked 1/4 S.B.T.
a pine 10 in diam bears N 22°
E 29 lbs dirt marked 1/4 S.B.T.
- 45.00 Leave creek bottom course
NW & SE.
- 80.00 Set basalt stone 16 x 15 x 12 in
12 in in the ground for
corner to Secs 23-24-25 &
26 marked with 2 notches
on S and 1 notch on E.

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Subdivision of T. 4 South R. 33 1/2 East

Willamette Meridian, Oregon.

edges from which
a pine 10 in diam bears
N 56° E 16 lbs dirt marked
T. 4 S R 33 1/2 E S 24 B. T.

a pine 10 in diam bears
N 48° W 15 lbs dirt marked
T. 4 S R 33 1/2 E S 23 B. T.

a pine 6 in diam bears
S 31° W 8 lbs dirt marked
T. 4 S R 33 1/2 E S 26 B. T.

a pine 8 in diam bears
S 59° E 42 lbs dirt marked
T. 4 S R 33 1/2 E S 25 B. T.

Land gently rolling

Soil 2d rate

Heavily ^{timbered} pine fir and ^{Tama}
rock timber

Dense undergrowth of
pine & fir.

Subdividing T. 4 South R. 33 1/2 E

Willamette Meridian, Oregon.

East on random line

between Secs. 24 & 25

Var 16° East

Through timber

37.75 Ravine corner S. — 50

79.87 Intersect the East ldy
of Township at corner
to Secs. 24 & 25 - 19 & 30

which is a basalt stone

15 x 10 x 8 in 10 in in the

ground marked with 4

notches on N end 2 not

ches on S. edges from which

a pine 30 in diam bears

S 56° W 113 lb dirt marked

T. 4 S R. 33 1/2 E S 25 B T.

and mound of Stone along
side.

Subdivision of T. 4 South R. 33 1/2 E.

Willamette Meridian, Oregon.

Thence I run

West on true line betw

Secs. 24 & 25 with same la.

39.93 Set basalt stone 18 x 8 x 6

ing 12 in in the ground

for '4 Sec corner marked

1/4 on N. face from which

a pine 12 in diam bears S.

60° W 14 lks dirt marked

1/4 S.B.T.

a pine 12 in diam bears

N 50° E 68 lks dirt marked

1/4 S.B.T.

79.87 Thence to Secs 23-24

25 & 26.

Land gently rolling

Soil 2d rate

Heavily timbered with
yellow pine, and fir

Dense undergrowth

of pine and fir

411

11

Subdivision of T. 4 South R. 33 1/2 E

Willamette Meridian, Oregon.

North between Secs 23 & 24

Var 16" E

Through heavy timber

4000 Set basalt stone 24 x 10 x 4

in 18 in in the ground

for 1/4 Sec corner marked

1/4 on W face from which

a pin 13 in diam bears S 18"

W 23 lbs dirt marked 1/4 S.B.S.

a pin 10 in diam bears N 38"

E 277 lbs dirt marked 1/4 S.B.S.

8000 Set basalt stone 13 x 12 x 4

in 9 in in the ground for

corner to Secs 13 - 14 - 23 & 24

marked with 3 notches on

S. and 1 notch on E

edges; from which

a pin 10 in diam bears

S 53" E 56 lbs dirt marked

T. 4 S R 33 1/2 E S 24 B.S.

a pin 10 in diam bears

N 36" E 12 lbs dirt marked

Subdivision of T. 4 South R. 33 1/2 E

Willamette Meridian, Oregon.

T. 4 S R. 33 1/2 E S. 13 B. 1.

a pine 10 in diam bears

S. 61° W 165 lbs dirt marked

T. 4 S R. 33 1/2 E S. 23 B. 1.

a pine 4 in diam bears

N 50° W 143 lbs dirt marked

T. 4 S R. 33 1/2 E. S. 14 B. 1.

Land gently rolling

Soil 3d rate

Heavily timbered with
fir and pine

Dense undergrowth of
fir + pine

413

Subdivision of T. 4 South R. 33 1/2 East

Willamette Meridian, Oregon.

East on random line

between Secs 13 + 24

Var 19° East

Through timber (heavy)

350 Ravine course SW - 40

4000 Set temporary 1/4 Sec corner

8000 Intersect east boundary of Township at the corner of Secs. 13-18-19 and 24

which is a pin 24 in diam marked T. 4 S. 18 on N.E. R 34 E

S. 19 on S.E. R 33 1/2 E S. 24 on SW

+ Sec 13 on NW face with three notches on N & S edges from which a pin 26 in diam bears N 48° E 23 ch dirt marked T. 4 S R 34 E S 18 B. T.

A pin 27 in diam bears S 24° E 29 ch dirt marked T. 4 S R 34 E S 19 B. T.

A pin 8 in diam bears S 14° W 23 ch dirt marked T. 4 S R 33 1/2 E S 24 B. T.

A pin 8 in diam bears N 34° W 55 ch dirt marked T. 4 S R 33 1/2 E S 13 B. T.

Subdivision of T. 4 South R. 3 3/2 E

Willamette Meridian, Oregon.

Thence I run

West on true line between
Sees 13 and 24 with same
Var.

40.00 Set basalt stone $16 \times 13 \times 9$
in 10 in in the ground
for $\frac{1}{4}$ See corner marked
 $\frac{1}{4}$ on W. face from which
a pine 12 in diam bears
N 16° E 273 ch dist
marked $\frac{1}{4}$ S B I.

A pine 13 in diam bears
S. 29° W 135 ch dist marked
 $\frac{1}{4}$ S B I.

80.00 The corner to Sees 13-14
23 and 24

Land gently rolling
Soil 2d rate

Heavily timbered with
pine fir and tamarack
Dense undergrowth of
pine fir and tamarack

Subdivision of T. 4 South R. 33 $\frac{1}{2}$ East

Willamette Meridian, Oregon.

North between Secs 13 & 14
Var 19° E

- Through heavy timber
1700 a Cabin and small enclosure
bear E 1.50 chain
2400 a ravine course S.E.
2800 " " " W.
4000 Set basalt stone 12 x 12 x 8
ins 9 ins in the ground
for $\frac{1}{4}$ Sec corner marked
 $\frac{1}{4}$ on W face from which
a pine 30 ins diam bear S 29°
W. 160 lbs dirt marked $\frac{1}{4}$ S.B.S.
a pine 12 ins diam bear N 31°
E 300 lbs dirt marked $\frac{1}{4}$ S.B.S.
7000 a Ravine course W. - 50
8000 Set basalt stone 18 x 13 x 7 + 50
ins 12 ins in the ground
for corner to Secs 11-12-13
& 14 marked with 4 notches
on S and 1 notch on E edges
from which

Subdivision of T. 4 South R. 33 1/2 East

Willamette Meridian, Oregon.

A pine 36 in diam bears
N 62° W 181 lbs dist marked
T. 4 S R 33 1/2 E S 11 B. S.

A pine 30 in diam bears
S 28° W 165 lbs dist marked
T. 4 S R 33 1/2 E S 14 B. S.

A pine 18 in diam bears
S 57° E 47 lbs dist marked
T. 4 S R 33 1/2 E S 13 B. S.

A pine 24 in diam bears
N 63° E 112 lbs dist marked
T. 4 S R. 33 1/2 E S. 12 B. S.

Land gently rolling

Soil 2d rate

Heavily timbered with
pine and fir

Dense undergrowth of
fir and pine. Dec. 17 1882

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417

Subdivision of T. 4 South R. 33 1/2 East

Willamette Meridian, Oregon.

East on random line
between Secs 12 & 13

Var 12° 40' East

Through heavy timber

9.50 a ravine course S.E.

4000 Set temporary 1/4 Sec corner

7600 Only small open glade
N & S.

8000 Intersect East boundary
of Township at corner to
Secs 7-12-13 & 18 which

is a basalt stone 12 x 12 x 8

in 8 in in the ground marked

with 2 notches on the N and

4 notches on S edges; from which

A pine 24 in diam bears N 57° E 234

ch. dist marked T. 4 S R 34 E S 7 B.S.

A pine 12 in diam bears S 57° E 206 ch.

dist marked T. 4 S R 34 E S 18 B.S.

pits 18 x 18 x 12 in in Secs 12

& 13. 5 1/2 ft dist and mound

of earth alongside

Subdivisions of T. 4 South R. 33 1/2 East

Willamette Meridian, Oregon.

Thence I run

West on true line between

Secs 12 & 13 with same Va

40.00

Set pine post 3 ft long
3 in square
12 in in the ground for

1/4 Sec. corner — marked

1/4 S on N. face from which

a pine 4 in diam bears

S 30° E 51 lbs dirt marked

1/4 S B. T.

a pine 4 in diam bears

N 50° W 18 lbs dirt marked

1/4 S B. T.

80.00

The cor. to Secs. 11-12 & 13 & 14

Land gently rolling

Soil 2d rate

Heavy timbered with

pine fir and tamarack

Dense undergrowth of

young pine

Subdivision of T. 4 South R. 33 1/2 East
Willamette Meridian, Oregon.

North between Secs 11 & 12

Var 12° 40' East

Over gently rolling ground

38.50 a Ravine course NO

4000 Set a stone 16 x 12 x 8 in
12 in in the ground for 1/4
See corner marked 1/4 on the

W face from which

a pin 30 in diam bears N 80°

W 16 ch dist marked 1/4 S.B.T

a pin 30 in diam bears N 45°

E 174 ch dist marked 1/4 S.B.T.

8000 Set basalt Stone 10 x 8 x 8

7 in in the ground for
corner to Secs 1-2 11 & 12

marked with 5 notches on

S. and 1 notch on E edge

from which

a pin 10 in diam bears

S 38° W 140 ch dist marked

T. 4 S R 33 1/2 E S. 11 B.T.

A pin 4 in diam bears

420
 Subdivision of T. 4 South R. 33 1/2 East

Willamette Meridian, Oregon.

N 60° E 159 ch dirt marked

T. 4 S R 33 1/2 E S 1 B.T.

A tamarack 30 in diam

bears S 24° E 111 ch dirt marked

T. 4 S R 33 1/2 E S. 12 B.T.

A tamarack 36 in diam

bears N 63° W 290 ch dirt marked

T. 4 S R 33 1/2 E S 2 B.T.

Land gently rolling
 and level

Soil 2d rate

Heavily timbered with
 pine fir and tamarack
 Partly deadened by fire
 Dense undergrowth of
 young pine

Subdivision of T. 4 South R. 33 1/2 East
Willamette Meridian, Oregon.

East on random line

between Secs. 1 and 12

Var 19° 50' East

Through timber

37.50 a Ravine course NE

40.00 1st temporary 1/4 Sec corner

58.00 a Ravine course N. — 50

Ascending

79.87 Intersect East boundary + 100

of Township 20 lbs S.

of corner to Secs 1-6-7

and 12 which is a basalt

stone 20 x 20 x 15 in 15 in in

the ground marked with notch

on N and 5 notches on S edges

from which

a pin 18 in diameter N 59° E 42 lbs

dirt marked T. 4 S R 34 E S 6 B. T.

a pin 40 in diameter N 76° E 60 lbs

dirt marked T. 4 S R 34 E S 7 B. T.

a pin 12 in diameter S 68° W 169 lbs

dirt marked T. 4 S R 33 1/2 E S 12 B. T.

422
 Subdivisions of T. 4 South R. 33 1/2 East
 Willamette Meridian, Oregon.

A pine 10 in diam bears N 20° W 53
 the dit marked T. 4 S R. 33 1/2 E S. B. T.

Thence I run

S 89° 51' W on true line bet.

Secs. 1 + 12 with same Var.

39.93 Set basalt stone 13 x 12 x 8
 in 8 in in the ground

for 1/4 Sec's corner marked
 1/4 on N face; from which

A pine 30 in diam bears
 S 78° W 15 the dit marked
 1/4 S. B. T.

A pine 10 in diam bears
 N 43° E 12 the dit marked
 1/4 S. B. T.

79.87 The corner to Secs 1-2-11+12

Land rolling

Soil 2d rate

Heavily timbered with
 pine fir and tamarack

Dense undergrowth
 of pine & fir

Subdivision of T. 4 South R. 33 1/2 East

Willamette Meridian, Oregon.

North on random line
between Secs 1 & 2.

Var 19° 50' East

Over level ground through
timber

4000 Set temporary 1/4 Sec corner

6850 Intersect North boundary

of township at 10 lbs

East of corner to Sec 1

& 2. which is a basalt

stone 20 x 10 x 8 in 15 in

in the ground marked

with 1 Notch on E. and

2 notches on W edges

from which

A pine 4 in diam bears S 51°

E. 75 lbs dirt marked

T. 4 S R 33 1/2 E S. 1 B. T.

A pine 8 in diam bears

S. 14° W 135 lbs dirt marked

T. 4 S R 33 1/2 E S. 2 B. T.

Subdivision of T. 4 South R. 33 1/2 E.

Willamette Meridian, Oregon.

Thence I run

S. 0° 4' E on true line bet.

Secs 1 & 2 with same Va.

2850 Set pine post 3 ft long 3
in square 12 in in the
ground for 1/4 Sec corner
marked 1/4 S on W face
from which

A pine 4 in diam bears N 60°

W 8 lks dist marked 1/4 S.B.P.

A pine 4 in diam bears

S 40° E 22 lks dist marked 1/4 S.B.P.

6850 The corner to Secs 1-2-11 & 12

Land level

Soil 2d rate

Heavily covered with pine
fir & tamarack mostly.

fallen & decayed by fire

Dense undergrowth of
pine and fir

Subdivision of T. 4 South R. 33 1/2 East
 Willamette Meridian, Oregon.

From the corner to See's
 2-3-34 and 35 on the
 South boundary of the
 Township which is a
 basalt stone 14 x 13 x 5 ins
 9 in in the ground marked
 with 2 notches on the E
 and 1 notch on W. edges
 and mound of stone 2 ft
 high and 4 1/2 ft base
 along side

Subdivision of T. 4 South R. 33 1/2 E.
Willamette Meridian, Oregon.

Thence I run
North between Sees
34 & 35

Var. 19° 40' East

Over gently rolling ground
Scattering pine timber

4000 Set basalt stone 12 x 10 x 5
ing 9 in in the ground for
1/4 See corner marked 1/4 on
W. face Raised mound
of stone alongside

5000 Outer dense forest corner
E & W.

8000 Set pine post 4 in square
4 ft long 24 in in the
ground for corner to Sees

26 - 27 - 34 & 35 marked

T. 4 S S 26 on NE

R 33 1/2 E S 35 on SE

S. 34 on SW and

S. 27 on NW face with
1 notch on S and 2 notches

Subdivision of T. 4 South R. 33 1/2 East

Willamette Meridian, Oregon.

Cher on E edges from which
a pine 10 in diam bears N 24°
E 73 lbs dirt marked T. 4
S R 33 1/2 E S 26 B T.

a pine 11 in diam bears
S 39° E 5 lbs dirt marked
T. 4 S R 33 1/2 E S. 35 B T.

A tamarack 10 in diam bears
S 8° W 6 1/2 lbs dirt marked
T. 4 S R 33 1/2 E S 34 B. T.

a pine 10 in diam bears
N 20° W 26 lbs dirt marked
T. 4 S R 33 1/2 E S 27 B. T.

Land gently rolling
Soil 2d rate

Open prairie with scattering
pine on S 50. chains. Good grass
Bal. Heavily timbered
with pine and tamarack
Dense undergrowth of
pine and tamarack

Subdivision of T. 4 South R. 33 1/2 E

Willamette Meridian, Oregon.

East or random line
between 26 + 35

Var 20° 10' East

Over gently rolling ground
through heavy timber

16.00 Ravine corner S.

40.00 Set temporary 1/4 Sec. corner

80.24 Intersect N + S line 30

ch S. of corner to Secs. 25

26 - 35 + 36

Thence I run

S 89° 47' W on true line

between Secs. 26 + 35

with same Va

40.12 Set basalt stone 12 + 12 + 12

in 9 in in the ground

for 1/4 Sec corner marked

1/4 on N face; from which

a pine 10 in diam bears

S 36° E 93 ch dist marked

1/4 S. B. S.

a pine 10 in diam bears

Subdivision of T. 4 South R. 33 $\frac{1}{2}$ East
 Willamette Meridian, Oregon.

N 68° W 152 Chy dist
 marked 1/4 S. B. T.

8024 The corner to Secs 26-27
 34 and 35

Land gently rolling
 Soil 2d rate

Heavily timbered with
 pine fir and tamarack.
 Dense undergrowth of
 pine.

430
 Subdivision of T. 4 South R. 33 1/2 E
 Willamette Meridian, Oregon.

West on random line
 between Trees 27 & 34

Var 20° 10' East

Through timber

2360

Intersected the West
 boundary of Tr. 16 lks
 N of corner to Trees 27 &
 34 which is a post 4 in
 square firmly set in ground
 marked T. 4 S R 33 1/2 E on E
 S 34 on S & S 27 on N face
 with 1 notch on S and
 5 notches on N face
 from which

A pine 30 in diam bears
 S 23° E 71 lks dist marked
 T. 4 S R 33 1/2 E S 34 B.S.

A tamarack 20 in diam bears
 N 75° E 48 lks dist marked
 T. 4 S R 33 1/2 E S. 27 B.S.

431

Subdivision of T. 4 South R. 33 1/2 O

Willamette Meridian, Oregon.

~~I remarked the Witness trees
on the ~~bars~~~~

Thence I run

N 89° 37' E on true line
between Sees 27 + 34
with same Var.

23.00 The corner to Sees 26-27
34 + 35

Land level

Soil 2d rate

Heavily timbered with
pine fir and tamarack
Good pine Grass

Subdivision of T. 4 South R. 33 1/2 East

Willamette Meridian, Oregon.

North between Secs.

26 & 27

Var 20° 10' E

Ascending gently
through heavy timber

8000 A Ravine course S E

4000 Set basalt stone 15 x 12

4 in 10 in in the ground

for 1/4 Sec corner marked

1/4 on the W. face + 100

from which

A pine 30 in diam bears

N 50° W 22 lbs dist marked

1/4 I. B. J.

A pine 30 in diam bears

N 84° E 26 lbs dist marked

1/4 I. B. J.

Gently descending

8000 Set basalt stone 18 x 12

x 12 in 12 in in the

ground for corner to Secs

22-23-26 & 27 marked

Sub division of T. 4 South R. 33 1/2 East
Willamette Meridian, Oregon.

with 2 notches on S. & E.
edges from which
a pine 8 in diam bears
N 70° E 14 lbs dirt marked
T. 4 S R 33 1/2 E S. 23 B. S.
A pine 18 in diam bears
S 50° E 54 lbs dirt marked
T. 4 S R 33 1/2 E S. 26 B. S.
A pine 24 in diam bears
S 44° W 154 lbs dirt marked
T. 4 S R 33 1/2 E S. 27 B. S.
A pine 12 in diam bears
N 70° W 35 lbs dirt marked
T. 4 S R 33 1/2 E S. 22 B. S.
Land gently rolling
Soil 2d. rate
Heavily timbered with
pine fir and tamarack
Occasional with dense
patches of pine under
growth. Dec. 18th 1882

Subdivisions of T. 4 South R. 33 1/2 East
Willamette Meridian, Oregon.

East on random line bet
Sec's. 23 & 26

Var 20° E

Through timber

2400 Enter Creek bottom

3000 Dry bed of creek course SE

3200 Leave creek bottom course SE

4000 Set temporary 1/4 Sec corner - 50

~~8078~~ Intersect the N & S line 30 + 50

1/2 S. of corner to Secs 23 - 24
25 & 26

Thence I run

S 89° 47' W on true line
between Secs 23 & 26.

with same Var

4099 Set basalt stone 10 x 7 x 7 - 50

ins 6 ins in the ground

for 1/4 Sec corner marked

1/4 Sec W face, from which
a pine 12 ins diam bears

S 22° E 11 1/2 dist marked

1/4 S. B. J.

Subdivision of T. 4 South R. 33 1/2 East

Willamette Meridian, Oregon.

a pine 18 in diam bears
N 20° W 43 lbs dist marked
1/4 S.B.T.

8018

The corner to Sec's 22 23
26 & 27.

Land gently rolling
Soil 2d rate

Heavily timbered with
pine fir & tamarack
Dense undergrowth of
pine fir & tamarack

West on random line
between Secs. 22 and 27
Var 20 E

2350

Through timber
Intersect the West body
of Township 10 lbs N
of corner to Secs 22 & 27
which is a post 4 in
square firmly set in

Subdivision of T. 4 South R. 33 1/2 E

Willamette Meridian, Oregon.

marked T. 4 S. R. 33 1/2 E on E
S. 27 on S and S 22 on N
faces with 4 notches on N
& 2 notches on S. edges
from which

a pine 4 in diam bears

N 61° E 41 lbs dirt marked

T. 4 S. R. 33 1/2 E S 22 B.S.

a tamarack 7 in diam bears

S 67° E 9 lbs dirt marked

T. 4 S. R. 33 1/2 E S 27 B.S.

Thence I run

N 89° 45' E on true line

between Secs. 22 and 27

with same bar.

2350 The corner to Secs 22 23

26 & 27

Land rolling

Soil 2d rate

Heavily timbered with

pine & fir Dense undergrowth

of young pine

Subdivision of T. 4 South R. 33 1/2 East
Willamette Meridian, Oregon.

North between Secs 22 & 23
Var 20" East

Through heavy timber

- 11.00 Dry bed of creek course SE
- 40.00 Set pine post 3 ft long 3 in square 18 in in the ground ^{+ 50} for 1/4 Sec corner marked 1/4 S. on W face from which a pin 8 in diam bears S. 22° E 11 lks dist marked 1/4 S.B.T.
- A pin 12 in diam bears N. 72° E 32 lks dist marked 1/4 S.B.T.

Descending gradually

- 80.00 Set a pine post 4 ft long 4 in square 24 in in the ground for corner to Secs. ₋₁₀₀ 14-15-22 & 23 marked T. 4 S S 14 on NE R 33 1/2 E S. 23 on SE S. 22 on SW & S 15 on NW

Subdivisions of T. 4 South R. 33½ E.
Willamette Meridian, Oregon.

faces with 3 notches on
S. and 2 notches on E edges
from which
a pine 9 in diam bears
N. 40° E 56 lbs dirt marked
T. 4 S R 33½ E S 14 B.T.
A pine 8 in diam bears
N 39° W 35 lbs dirt marked
T. 4 S R 33½ E S 15 B.T.
A pine 9 in diam bears
S 61° W 7 lbs dirt marked
T. 4 S R 33½ E S 22 B.T.
A pine 9 in diam bears S
68° E 16 lbs dirt marked
T. 4 S R 33½ E S 23 B.T.

Land gently rolling

Soil 2d rate

Heavily timbered with
pine fir & Tamarack

Dense undergrowth of
pine & tamarack

Subdivision of T. 4 South R. 33 1/2
Willamette Meridian, Oregon.

439

East on random line
between Sec's 14 & 23

Var 20° East

Through heavy timber

1600 Enter marshy flat

1750 Ranch area creek 4 lbs wide
course S.E.

2700 Leave marshy flat course N.E.

4000 Set temporary 1/4 Sec corner

8022 Intersect the N & S line
14 lbs S. of corner to Sec's
13 - 14 - 23 & 24

Thence I run

S 89° 54' W on true line bet
Sec's 14 and 23
with same Var.

4000 Set basalt stone 16 x 12
x 6 in 12 in in the ground
for 1/4 Sec corner marked
1/4 on N face; from which
a fine 18 in diam bear
N 40° W 80 lbs dist

Subdivision of T. 4 South R. 33 1/2 East
 Willamette Meridian, Oregon.

marked 1/4 S B T.

a pine 20 in diam bears
 S 56° E 152 ch dist

marked 1/4 S B T.

80.22 The corner to Secs 14-15
 22 + 23.

Land gently rolling

Soil 2d rate

Heavily timbered with
 pine fir + tamarack

Dense undergrowth of
 pine + tamarack

Subdivision of T. 4 South R. 33 1/2 East

Willamette Meridian, Oregon.

West on random line
between Secs. 15 & 22
Var 20° East

Through heavy timber
Ravine course North

550
2347 Intersect West boundary
of Township at corner
to Secs 15 & 22.

which is a post 4 in
square firmly set in the
ground marked

T. 4 S R 33 1/2 E on E
S. 15 on N & S 22 on S face
with 3 notches on N & S
edges from which
a pine 20 in diam bears
N 65° E 232 lb dirt
marked T. 4 S R 33 1/2 E S 15 B.T.
A pine 24 in diam bears
S 35° E 284 lb dirt marked
T. 4 S R 33 1/2 E S 22 B.T.

Subdivision of T. 4 South R. 33 1/2 East

Willamette Meridian, Oregon.

Thence I run
East on true line bet.
Secs 15 + 22
with same Var.

23.47 The corner to Secs 14-
15- 22 + 23.

Land gently rolling
Soil 2d rate

Heavily timbered with
pine fir & tamarack
Dense undergrowth of
young fir & pine

Subdivisions of T. 4 South R. 33 1/2 East

Willamette Meridian, Oregon.

North between Secs

14 and 15

Var 20" East

Through heavy timber

- 300 Enter marsh course NW & SE
- 1500 Leave marsh " " "
- 4000 Set basalt stone 15 x 16 x 6
 in 10 in in the ground
 for 1/4 Sec corner marked
 1/4 on W face
 from which
 a pine 30 in diam bears N.
 40° W 97 lbs dist marked 1/4 S.B.D.
 a pine 10 in diam bears West
 80 lbs dist marked 1/4 S.B.D.
- 7030 Ravine course NE.
- 8000 Set basalt stone 18 x 13 x 7
 in 12 in in the ground
 for corner to Secs 10-11
 14 & 15 marked with
 4 notches on S and 2 notches
 on E edges —

Subdivision of T. 4 South R. 33½ East

Willamette Meridian, Oregon.

from which

a pine 30 in diam bears

S 65° W 26 lbs dist marked

T. 4 S R 33½ E S 15 B.P.

a pine 10 in diam bears

N 40° W 57 lbs dist marked

T. 4 S R 33½ E S 10 B.P.

a pine 10 in diam bears

N 16° E 267 lbs dist marked

T. 4 S R 33½ E S 11 B.P.

a pine 10 in diam bears

S 18° E 122 lbs dist marked

T. 4 S R 33½ E S 14 B.P.

Land gently rolling

Soil 2^d rate

Heavily timbered with

pine & fir

Good grass. Dec 19th 1882

Subdivision of T. 4 South R. 33 1/2 East

Willamette Meridian, Oregon.

East on random line
between Secs 11 & 14
Var 18° 50' East

Through timber (very heavy)

12.00 Ravine course N.E.

40.00 Set temporary 1/4 Sec corner

43.00 Enter marshy swamp
course N & S.

48.00 Leave marshy swamp

49.00 Spring branch 2 lks wide
course W.

80.16 Intersect N & S line

27 lks S. of corner to Secs
11-12-13 & 14

Thence I run

S 89° 48' W on true line
between Secs 11 & 14

With same Var.

4009 Set basal stone 12 x 12

x 8 ins 8 ins in the ground
for 1/4 Sec corner marked
1/4 on N face;

46

418

Subdivision of T. 4 South R. 33 1/2 E.

Willamette Meridian, Oregon.

from which
a pine 10 in diam bears
S 55° E 18 lbs dirt
marked 1/4 S.B.T.

a pine 10 in diam bears
N 56° W 12 lbs dirt
marked 1/4 S.B.T.

8016 The corner to Secs 10-11
14 & 15

Land gently rolling
Soil 2^d rate

Heavily timbered with
Pine and fir

Dense undergrowth of
pine and fir

Subdivision of T. 4 South R. 33 1/2 E

Willamette Meridian, Oregon.

447

West on random line
between Trees 10 & 15
Var 18° 50' E

Through heavy pine timber

16.00 Ravine course S.E.

23.48 Intersect the West edge
of Township 20 E S.
of corner to Trees 10-15
which is a post 4 in
square firmly set in the
ground marked

T. 4 S R 33 1/2 E on E

S 10 on N & S 15 on S face
with 4 notches on S and
2 notches on N edges
from which

a pin 12 in drawn bears
N 40° E 65 lb dirt marked

T. 4 S R 33 1/2 E S 10 B.T.

a pin 10 in drawn bears

S 70° E 189 lb dirt marked

T. 4 S R 33 1/2 E S. 15 B.T.

Subdivision of T. 4 South R. 33 1/2 E.

Willamette Meridian, Oregon.

Thence I run
 S 89° 30' E on true line
 between Sec's 10 & 15
 with same Vew.

23.48 The corner to Secs
 10 - 11 - 14 & 15

Land gently rolling
 Soil 2d rate

Heavily timbered with
 pine few and tamarack

Subdivision of T. 4 South R. 3 3/4 East
no Willamette Meridian, Oregon.

North between Secs.
10 and 11.

Var 18° 50' East

Through heavy timber

4000 Set pine post 3 feet long
3 in square 24 in in the
ground for 1/4 Sec corner
marked 1/4 S on W. face
from which

a pine 8 in diam bears N 45°
E 3 lbs dirt marked 1/4 S.B.T.

a pine 8 in diam bears S 47°
W 9 lbs dirt marked 1/4 S.B.T.

6000 A brook 3 lbs wide corner NW
Ascending - 50

8000 Set basalt stone 18 x 10 x 10
in 12 in in the ground
for corner to Secs 2-3
10 & 11 marked with 5
notches on the S. and
2 notches on the E edges
from which

Subdivision of T. 4 South R. 33 $\frac{1}{2}$ East
 Willamette Meridian, Oregon.

A pine 36 in diam beam
 N 52° W 130 lbs dirt
 marked T. 4 S R 33 $\frac{1}{2}$ E
 S. 3 B. T.

A pine 24 ins. diam beam
 N 16° E 125 lbs dirt marked
 T. 4 S R 33 $\frac{1}{2}$ E S 2 B. T.

A pine 18 in diam beam
 S 48° W 153 lbs dirt marked
 T. 4 S R 33 $\frac{1}{2}$ E S 10 B. T.

No tree convenient in Sec 11
 Raised mound of straw
 alongside

Land rolling

Soil 2d rate

Heavily timbered with
 pine and fir

Dense undergrowth of
 pine.

Subdivision of T. 4 South R. 33 1/2 E. 451

Willamette Meridian, Oregon.

East on random line
between Secs. 2 and 11.

Var 21° East

Through heavy timber

4000 Set temporary 1/4 Sec. corner

6500 Spring branch course N

7200 Ravine course N.

ascending

8020 Intersect the N & S line

25 ch S of corner to Secs

1-2-11 & 12

Thence I run

S 89° 49' W on true line

between Secs 2 & 11

with same Var.

4010 Set pine post 3 ft long

3 in square 12 in in

the ground for 1/4 Sec

corner marked 1/4 S on

N face; from which

a pine 12 in diam bears

N 40° W 5 ch dist marked

Subdivision of T. 4 South R. 33 1/2 E

Willamette Meridian, Oregon.

1/4 S. B. T.

A fine 6 in diam bear
S 15° E 23 lbs dent marked

1/4 S. B. T.

8030 The corner to Secs 2-3
10 and 11

Land rolling

Soil 2d rate

Heavily timbered with
pine fir and tamarack
Partly deadened and
fallen down by fire
Dense undergrowth of
young pine

Subdivision of T. 4 South R. 33 1/2 East

Willamette Meridian, Oregon.

West on random line
betw. Secs. 3 and 10

Var 21° E

Through heavy timber

300 A Ravine course S

2360 Intersect the West ldy
of Township 22 N

N of course to Secs ~~4~~

~~11~~ - 3 & 10 which is a

find 4 in square firmly
set in the ground marked

T. 4 S R 33 1/2 E on E.

S 3 on N and S 10 on S faces
with 5 notches on S & 1 notch

on N. edges from which

a find 7 in diam bears

S 40° E 20 ldy dist marked

T. 4 S R 33 1/2 E S 10 B.T.

a find 8 in diam bears

N 75° E 89 ldy dist marked

T. 4 S R 33 1/2 E S 3 B.T.

99
3
8) 297
42

47 20
23 60
90 80
44
66
21
38

Subdivision of T. 4 South R. 33 1/2 East

Willamette Meridian, Oregon.

Thence I run
N 89° 27' E. on true line
between Tees 3 and 10
with same Var.

2360

The corner to Tees

2-3-10 & 11

Land rolling

Soil 2^d rate

Heavily timbered with
pine and fir

Dense undergrowth of
fir & pine

Subdivision of T. 4 South R. 33 1/2 East
Willamette Meridian, Oregon.

455

North on random line

between Secs. 2 and 3.

Var 21° East

Over rolling ground

Through timber

4000 Set temporary 1/4 Sec corner

68.67 Intersect the North ldy

of Township 7 ldy E

of corner to Secs 2-3

~~34 & 35~~ which is a

basalt stone 18 x 12 x 10 in

12 in in the ground.

marked with two notches

on E and 1 notch on W

edges, from which

a pine 10 in diam bears

S 15° E 230 ldy dist marked

T. 4 S R 33 1/2 E Sec 2 B.S.

a pine 18 in diam bears

S 79° W 231 ldy dist marked

T. 4 S R 33 1/2 E S. 3 B.S.

Subdivision of T. 4 South R. 33 1/2 E.
Willamette Meridian, Oregon.

456

Thence I run
S 0° 3' E' on the line
between Secs 2 & 3
with same Var.

28.67 Set basalt stone 10 x 10
x 10 in 7 in in the
ground for 1/4 Sec corner
marked 1/4 on W face
from which

a fir 10 in diam bears S 40°
E 18 lk dist. marked 1/4 S.B.D.

a fir 13 in diam bears N 70°
W 24 lk dist marked 1/4 S.B.D.

6867 The corner to Secs 2-3
10 x 11

Land gently rolling
Soil 2d rate

Heavily timbered with
fir and pine

Dense undergrowth of
pine & fir. Dec 20th 1882

1240

2100

33.40

16.30

.50

1650

457

of T.

R.

Willamette Meridian, Oregon.

General Description

This Township consists of high rolling land

The Soil is generally ^{of 2d.} 2d. rate quality except along the creek bottom where there is some good land in small quantities

It is generally heavily timbered with pine fir & tamarack of good quality with undergrowth of fir pine & tamarack

Copy

see page 748 for original final oaths

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FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by Refus
S. 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
S. R. 33 1/2 East lines of Township 4
 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 Refus S.
Moore, U. S. Deputy Surveyor, in surveying all
 those parts or portions of the Subdivisional
line of Township 4 South
Range 33 1/2 East Willamette Meridian, Oregon,
 as are represented in the foregoing field notes as having been surveyed by him and under
 his direction; and that said survey has been, in all respects, to the best of our knowledge
 and belief, well and faithfully surveyed, and the corner monuments established, according
 to the instructions furnished by the U. S. Surveyor General of Oregon.

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

Subscribed and sworn to before me, this 21st day of
December 1882



Refus S. Moore
 Notary Public

See page
749 for original
oath

Copy
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FINAL OATH OF DEPUTY SURVEYOR.

I, Rufus J. Moore

United States Deputy Surveyor, do solemnly swear that in pursuance of

instructions received from James C. Tolman

U. S. Surveyor General for Oregon, bearing date of the 28th

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 Subdivision lines

of T. 4 S. R. 33 1/4 East

Willamette Meridian, in the State of Oregon, as are represented in the foregoing Field Notes as having been surveyed by me and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Surveying Manual, Printed Instructions, the Special Written Instructions of the U. S. Surveyor General for Oregon, and in the specific manner described in the Field Notes, and that the foregoing are the true Field Notes of such survey, and should any fraud be detected I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8th, 1846.

Rufus J. Moore

U. S. Deputy Surveyor.

Subscribed and sworn to before me, this 10th

day of February 1883

Samford Robb

Seal

Notary Public

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OFFICE U. S. SURVEYOR GENERAL,

Portland, Oregon, *Feb* 1, 1884

The following Field Notes of the Survey of the

*Subdivisional lines of
Township 4 South Range
3 3/4 East Will Mer*

executed by *Refus S. Moor*

under his Contract No. *451*, dated *June*

12th 188*2*, 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.