

6791B

PRELIMINARY DATHS OF ASSISTANTS

FIELD NOTES.

On the survey of the Subdivisional
Lines of T. 6 South
R. 33 East Willamette Meridian,
Oregon, as surveyed by F. W. Campbell
U. S. Deputy Surveyor, under his Contract No. 468
dated April 12th 1883

Survey commenced June 24th 1883
Survey completed July 7th 1883

NAMES AND DUTIES OF ASSISTANTS.

-, Compassman.
- John S. Guttridge, Chainman.
-, Chainman.
- Frank Ellis, Chainman.
-, Chainman.
- E. A. Matlock, Axeman.
-, Axeman.
-, Flagman.

619c

PRELIMINARY OATHS OF ASSISTANTS.

We,

John S. Guttridge
Frank Ellis

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

T. 6 S.

R. 33 E.

Willamette Meridian, Oregon.

John S. Guttridge

, Chainman.

Frank Ellis

, Chainman.

, Chainman.

, Chainman.

Subscribed and sworn to before me, this

Eighteenth

day of

April

1883

[SEAL.]

Frank W. Campbell

U.S. Deputy Surveyor

We,

Cary A. Matlock

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

Subdivisions of

T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

Cary A. Matlock

, Axeman.

, Axeman.

Subscribed and sworn to before me, this

Eighteenth

day of

April

1883

[SEAL.]

Frank W. Campbell

U.S. Deputy Surveyor

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Subdivisions of T. 6 S. R. 33 E. 621

Willamette Meridian, Oregon.

Having just run the E. & S. bdy's. of sec. 36 with the same compass and assistants, I do not re-run it.

Survey commenced June 24th 1883 with a Burt's improved Solar Compass.

I commenced at the cor. to secs. 1, 2, 35 and 36 on the S. boundary of the township which is a post 4 ins. square firmly set in ground and marked

T. 6 S. S. 36 on N. E.

R. 33 E. S. 1 " S. E.

T. 7 S. S. 2 " S. W.

S. 35 " N. W. faces.

with 1 notch on E. & 5 notches on W. edges; from which

632 Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

A fir 10 ins. dia. brs. N. 60° E. 26 lks.
dist. marked T. 6 S. R. 33 E. S. 36 B. T.

A fir 10 ins. dia. brs. S. 42° E. 17 lks.
dist. marked T. 7 S. R. 33 E. S. 1 B. T.

A fir 10 ins. dia. brs. S. 38° W. 20 lks.
dist. marked T. 7 S. R. 33 E. S. 2 B. T.

A spruce 24 ins. dia. brs. N. 50° W. 14 lks.
dist. marked T. 6 S. R. 33 E. S. 35 B. T.

I run

North bet. secs. 35 and 36

Var. 20° E.

Ascending over rolling ground.

36.00 Spring branch 3 lks. wide
course N. W.

40.00 Set a pine post 3 ft. long + 200
3 ins. square. 24 ins. in
ground marked $\frac{1}{4}$ S. on
W. face, for $\frac{1}{4}$ sec. cor.
from which

A fir 10 ins. dia. brs. S. 80° E. 7 lks.
dist. marked $\frac{1}{4}$ S. B. T.

A fir 8 ins. dia. brs. S. 70° W. 11 lks.

Subdivisions of T. 6 S. R. 33 E. 623

Willamette Meridian, Oregon.

- dist. marked $\frac{1}{4}$ S. B.T.
- 47.00 Trail course N. W. & S. E.
- 59.00 Top of ascent and begin gradual descent facing N. E. +100 ft.
- 80.00 Set a basalt stone 15 x 10 x 100 "

10 ins. 10 ins. in ground for cor. to secs. 25, 26, 35 & 36 marked with 1 notch on S. & E. edges;

from which

- Aspruce 10 ins. dia. brs. N. 30° E. 12 lbs. dist. marked T. 6 S. R. 33 E. S. 25 B.T.
- Aspruce 10 ins. dia. brs. S. 65° E. 33 lbs. dist. marked T. 6 S. R. 33 E. S. 36 B.T.
- Aspruce 12 ins. dia. brs. S. 11° W. 49 lbs. dist. marked T. 6 S. R. 33 E. S. 35 B.T.
- A fir 5 ins. dia. brs. N. 45° W. 47 lbs. dist. marked T. 6 S. R. 33 E. S. 26 B.T.

Land high. ^{and} rolling.
Soil 2nd rate.

Densely covered with forests of pine, fir, tamarack & spruce

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

timber 80. chs.
Thick undergrowth of small
pine and spruce 80. chs.

East on random line bet.
secs. 25 and 36

Var. 20° E.

Gently descending through
thick brush.

39.00 Foot of descent and enter
marshy swamp course
N. & S. - 100 ft.

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

44.00 Leave swamp & ascend gently.

76.00 Top of ascent - 150 ft. above swamp.
Thence along point of ridge
course E.

80.00 Intersect E. bdy. of Township
at 25 lks. N. of cor. to secs.

25, 30, 31 & 36 which is a
basalt stone 15 x 15 x 12 ins.

Subdivisions of T. 6 S. R. 33 E. 625

Willamette Meridian, Oregon.

firmly set in ground and marked with 5 notches on N. and 1 notch on S. edges; from which

A juniper 10 ins. dia. brs. N. 83° E. 75 lbs. dist. marked T. 6 S. R. 34 E. S. 30 B. T.

A fir 10 ins. dia. brs. S. 42° E. 167 lbs. dist. marked T. 6 S. R. 34 E. S. 31 B. T.

A fir 10 ins. dia. brs. S. 60° W. 148 lbs. dist. marked T. 6 S. R. 33 E. S. 36 B. T.

A fir 24 ins. dia. brs. N. 37 1/2° W. 188 lbs. dist. marked T. 6 S. R. 33 E. S. 25 B. T.

Thence I run

N. 89° 49' W. on true line bet. secs. 25 & 36 with same bar.

40.00

Set a pine post 3 ft. long 3 ins. square 24 ins. in ground for 1/4 sec. cor. marked 1/4 S. on N. face; from which

A pine 12 ins. dia. brs. N. 49° W. 78 lbs. dist. marked 1/4 S. B. T.

A pine 10 ins. dia. brs. S. 74° W. 115 lbs.

6

Subdivisions of T. 6 S. R. 33 E.

626

Willamette Meridian, Oregon.

dist. marked $\frac{1}{4}$ S. 13 T.

80.00 The cor. to secs. 25, 26, 35 & 36

Land rolling.

Soil 2nd rate.Densely covered with forests
of pine, fir, spruce and
tamarack timber, partly
deadened by fire, 80. chs.Thick undergrowth of small
pine, fir and tamarack 80. ch

Subdivisions of T. 6 S. R. 33 E. 627
Willamette Meridian, Oregon.

North bet. secs. 25 and 26
Var. 20° E.

40.00 Over gently rolling ground
Set a fir post 3 ft. long 3 ins.
square 24 ins. in ground
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S.
on W. face; from which
A fir 12 ins. dia. brs. S. 25° W. 26 lbs.
dist. marked $\frac{1}{4}$ S. B. T.
A spruce 10 ins. dia. brs. S. 75° E. 26 lbs.
dist. marked $\frac{1}{4}$ S. B. T.

Gently descending.

73.00 Creek 6 lbs. wide course W.
74.00 Trail, at foot of descent course
E. and W. - 150 ft.

80.00 Set a quartz stone $16 \times 8 \times 8$ ins.
10 ins. in ground for cor. to
secs. 23, 24, 25 & 26 marked
with 2 notches on S. and
1 notch on E. edges.

from which
A pine 10 ins. dia. brs. N. 8° E. 39 lbs.

8

628
Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

dist. marked T. 6 S. R. 33 E. S. 24 B. T.
 A pine 8 ins. dia. brs. S. 42° W. 75 lbs.
 dist. marked T. 6 S. R. 33 E. S. 26 B. T.
 A pine 11 ins. dia. brs. S. 44° E. 29 lbs.
 dist. marked T. 6 S. R. 33 E. S. 25 B. T.
 A pine 8 ins. dia. brs. N. 85° W. 50 lbs.
 dist. marked T. 6 S. R. 33 E. S. 23 B. T.

Land rolling.
 Soil 2nd rate.
 Densely covered with forests
 of pine, fir & spruce timber,
 partly deadened by fire so. chs
 Thick undergrowth of small
 pine, fir and spruce so. chs.

East on random line bet.
secs. 24 and 25

Var. 20° E.

00.30 Spring branch 3 lks. wide
course S. E.

40.00 Set temp. $\frac{1}{4}$ sec. cor. +80 ft.
Thence descending hill side
course S. E.

79.70 Intersect E. bdy. of Twp. at -200 "
18 lks. N. of cor. to secs. 19, 24,

25 & 30 which is a granite
stone 18 x 12 x 10 ins. firmly set
in ground, marked with
4 notches on N. & 2 notches on
S. edges; from which

Spine 8 ins. dia. brs. N. 85° E. 77 lks.
dist. marked T. 6 S. R. 34 E. S. 19 B. T.

Spine 12 ins. dia. brs. S. 57° E. 52 lks.
dist. marked T. 6 S. R. 34 E. S. 30 B. T.

Spine 10 ins. dia. brs. S. 10° W. 57 lks.
dist. marked T. 6 S. R. 33 E. S. 25 B. T.

Atamarack 10 ins. dia. brs. N. 38° W. 71

630 Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

lks. dist. marked T. 6 S. R. 33 E. S. 24 B. T.

Thence Iron

N. 89° 52' W. on true line bet. secs. 24 & 25 with same (Var.

39.85

Set a pine post 3 ft. long 3 ins. square 24 ins. in ground for 1/4 sec. cor. marked 1/4 S. on N. face; from which a tamrack 20 ins. dia. brs.

S. 14° W. 163 lks. dist. marked 1/4 S. B. T.

A pine 12 ins. dia. brs. N. 75° E. 102 lks. dist. marked 1/4 S. B. T.

79.70

The cor. to secs. 23, 24, 25 & 26 Land rolling. Soil 2nd rate.

Densely covered with forests of black pine timber mostly deadened and fallen by fires, 79.70 chs. Thick undergrowth of pine & buckbrush 79.70 chs.

June 24th 1883

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Subdivisions of T. 6 S. R. 33 E. 31

Willamette Meridian, Oregon.

North bet. secs. 23 and 24

Var. 20° E.

3.75 Spring branch 3 lks. wide
course S. W.

40.00 Set a pine post 3 ft. long + 80 ft.
3 ins. square 24 ins. in
ground for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ S. on W. face; from which
A fir 24 ins. dia. brs. N. 88° W. 76 lks.
dist. marked $\frac{1}{4}$ S. B.T.

A fir 12 ins. dia. brs. N. 49° E. 26 lks.
dist. marked $\frac{1}{4}$ S. B.T.

Thence gently descend.

80.00 To a point 200 ft. below $\frac{1}{4}$ sec. cor.
and set a pine post 4 ft.
long 4 ins. square 24 ins. in
ground for cor. to secs. 13,
14, 23 and 24 marked

T. 6 S. S. 13 on N. E.

R. 33 E. S. 24 " S. E.

S. 23 " S. W. and

S. 14 " N. W. faces;

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

with 3 notches on S. and
1 notch on E. edges;

from which

Aspruce 10 ins. dia. brs. N. 46° E. 13 lbs.

dist. marked T. 6 S. R. 33 E. S. 13 B. T.

Tamarack 20 ins. dia. brs. S. 49° E. 9 lbs.

dist. marked T. 6 S. R. 33 E. S. 24 B. T.

Aspruce 10 ins. dia. brs. S. 18° W. 11 lbs.

dist. marked T. 6 S. R. 33 E. S. 23 B. T.

Aspruce 10 ins. dia. brs. N. 79° W. 14 lbs.

dist. marked T. 6 S. R. 33 E. S. 14 B. T.

Land rolling

Soil good 2nd rate.

Densely covered with forests
of pine, fir, spruce & tamarack
timber 80.00 chs.

Thick undergrowth of alder
& small pine 80. chs.

Subdivisions of T. 6 S R. 33 E 33

Willamette Meridian, Oregon.

East on random line bet. secs. 13 and 24

Var 19° E.

Over rolling hillside facing N.E.

40.00 To a point 200 ft. below last sec. cor. & set temp. 1/4 sec. cor.

44.00 Descend abruptly to

50.00 Foot of descent, spring branch 5 lbs. wide course N.E. - 200 ft.

79.92 Intersect E. bdy. of Trwp. at cor. to secs. 13, 18, 19 & 24

which is a post 4 ins. square firmly set in ground marked T. 6 S. S. 18 on N.E.

R. 34 E. S. 19 " S.E.

R. 33 E. S. 24 " S.W. and

S. 13 " N.W. faces, with 3 notches on N. & S. edges; from which

A pine 10 ins. dia. brs. N. 66° E. 26 lbs. dist. marked T. 6 S. R. 34 E. S. 18 B.T.

A pine 11 ins. dia. brs. S. 10° E. 17 lbs.

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

dist. marked T. 6 S. R. 34 E. S. 19 B. T.
A tamarack 10 ins. dia. brs. S. 25° W. 76 lks.

dist. marked T. 6 S. R. 33 E. S. 24 B. T.
A pine 10 ins. dia. brs. N. 18° W. 41 lks.

dist. marked T. 6 S. R. 33 E. S. 13 B. T.

Thence I run

West on true line bet. secs 13 &
24 with same Var.

39.96 Set a pine post 3 ft. long
3 ins. square 24 ins. in
ground for 1/4 sec. cor.
marked 1/4 S. on N. face;
from which

A pine 10 ins. dia. brs. N. 60° E. 7
lks. dist. marked 1/4 S. B. T.

A pine 10 ins. dia. brs. S. 59° W. 22
lks. dist. marked 1/4 S. B. T.

79.92 The cor. to secs. 13, 14, 23 & 24
Land rolling & hilly.
Soil 2nd rate.

Densely covered with forests
of pine, fir, tamarack and

Subdivisions of T. 6 S R. 33 E. 635

Willamette Meridian, Oregon.

spruce timber 79.92 chs.
Thick undergrowth of
huckleberry & small pine 79.92 chs.

North bet. secs. 13 and 14
Var. 19° E.

Descend over rolling ground.

33.00 Spring branch 3 lks. wide
course E.

40.00 Set a pine post 3 ft. long - 250 ft.
3 ins. square 24 ins. in
ground for 1/4 sec. cor. marked
1/4 S. on W. face; from which
A pine 6 ins. dia. br. S. 69° E. 27 lks.
dist. marked 1/4 S. B. T.

A spruce 6 ins. dia. br. S. 68° W. 13 lks.
dist. marked 1/4 S. B. T.

77.00 Spring branch 2 lks. wide
course N. E.

80.00 Set a pine post 4 ft. long
4 ins. square 24 ins. in ground

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

for cor. to secs. 11, 12, 13 & 14
marked T. 6 S. S. 12 on N. E.

R. 33 E. S. 13 " S. E.

S. 14 " S. W. and

S. 11 " N. W. faces;

with 4 notches on S. and 1
notch on E. edges;

from which

Apine 5 ins. dia. brs. N. 72° E. 11 lbs.

dist. marked T. 6 S. R. 33 E. S. 12 B. T.

Apine 8 ins. dia. brs. S. 58° E. 16 lbs.

dist. marked T. 6 S. R. 33 E. S. 13 B. T.

Apine 10 ins. dia. brs. S. 71° W. 28 lbs.

dist. marked T. 6 S. R. 33 E. S. 14 B. T.

Apine 5 ins. dia. brs. N. 50° W. 22 lbs.

dist. marked T. 6 S. R. 33 E. S. 11 B. T.

Land rolling. Soil 2nd rate.

Densely covered with forests
of pine, fir and tamarack &
spruce. 80. chs.

Willamette Meridian, Oregon.

East on random line bet. secs.
12 and 13

Var. $18^{\circ}40'$ E.

10.50 Spring branch 2 lks. wide
course N.

40.00 Set temp. $\frac{1}{4}$ sec. cor. - 100 ft.

45.00 Creek 10 lks. wide course N. W.

Thence along creek bottom

79.50 Spring branch 4 lks. wide course S. W.

79.60 Intersect E. bdy. of Twp. at 16 lks.

N. of cor. to secs. 7, 12, 13 & 18
which is a post 4 ins. sq.
firmly set in ground marked
T. 6 S. S. 7 on N. E.

R. 34 E. S. 18 " S. E.

R. 33 E. S. 13 " S. W. and

S. 12 " N. W. faces,

with 2 notches on N. & 4 notches
on S. edges; from which

A spruce 10 ins. dia. br. N. 19° E. 32 lks.
dist. marked T. 6 S. R. 34 E. S. 7 B. T.

A spruce 10 ins. dia. br. S. 38° E. 31 lks.

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

dist. marked T. 6 S. R. 34 E. S. 18 B. T.
Aspruce 5 ins. dia. brs. S. 38° W. 14 lbs.

dist. marked T. 6 S. R. 33 E. S. 13 B. T.
Tamarack 30 ins. dia. brs. N. 44° W. 14 lbs.

dist. marked T. 6 S. R. 33 E. S. 12 B. T.
Thence I run

N. 89° 53' W. on true line bet. secs
12 & 13 with same Var.

39.80 Set a pine post 3 ft. long 3 ins.
sq. 2 1/4 ins. in ground for 1/4 sec.
cor. marked 1/4 S. on N. face;
from which

A pine 6 ins. dia. brs. S. 20° E. 12 lbs.
dist. marked 1/4 S. B. T.

A pine 6 ins. dia. brs. N. 18° W. 12 lbs.
dist. marked 1/4 S. B. T.

79.60 The cor. to secs. 11, 12, 13 & 14
Land rolling. Soil, 2nd rate
on rolling land - 1st rate on
bottom land.

Densely covered with forests
of pine, fir & tamarack; 79.60 chs.

Subdivisions of T. 6 S R. 33 E. 639

Willamette Meridian, Oregon.

Redman, the applicant of the survey, has a dwelling and ranch in the S.W. 1/4 of sec. 12.

North bet. secs. 11 and 12
Var. 18°40' E.

Descend to

22.50 Creek 12 lbs. wide course N - 150 ft.

33.00 Ascend

40.00 Top of ascent, and set a +200 ft. basalt stone 15 x 10 x 10 ins. 10 ins. in ground for 1/4 sec. cor. marked 1/4 on N. face;

from which

A tamarack 11 ins. dia. br. S. 33° W. 37 lbs. dist. marked 1/4 S. B. T.

A tamarack 10 ins. dia. br. N. 25° E. 42 lbs. dist. marked 1/4 S. B. T.

49.50 Trail course N. W. & S. E.

65.00 Ascend hill course N. W. & S. E.

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

80.00 A point 200 ft. above $\frac{1}{4}$ sec. cor.
 & set basalt stone 16 x 10 x 10 ins
 10 ins. in ground for cor. to secs.
 1, 2, 11 and 12 marked with
 5 notches on S. and 1 notch on
 E. edges; from which
 A pine 24 ins. dia. br. N. 65° E. 41 lks.
 dist. marked T. 6 S. R. 33 E. S. 1 B. T.
 A pine 18 ins. dia. br. S. 27° E. 44 lks.
 dist. marked T. 6 S. R. 33 E. S. 12 B. T.
 A fir 24 ins. dia. br. S. 75° W. 28 lks.
 dist. marked T. 6 S. R. 33 E. S. 11 B. T.
 A pine 24 ins. dia. br. N. 69° W. 66 lks.
 dist. marked T. 6 S. R. 33 E. S. 2 B. T.
 Land rolling
 Soil 2nd rate.
 Densely covered with forests
 of pine, fir and spruce 80. chs.
 Undergrowth of balm 80. chs.

June 25th 1883

Subdivisions of T. 6 S. R. 33 E. 641

Willamette Meridian, Oregon.

East on random line bet. secs. 1 and 12

Var. 19° 40' E.

- 2.00 Top of ridge course S. W. & descend.
- 21.00 Foot of descent & ravine course S. W. ^{+ 29°}
- 37.00 Top of ascent + 150
- 40.00 Set temp. 1/4 sec. cor.
- 60.00 Ravine course S. W. - 300 ft. below 1/4 sec. cor. & ascend.
- 79.97 Intersect E. bdy. of Trop. at cor. to secs. 1, 6, 7 & 12 which is a post 4 ins. square firmly set in ground marked -
 T. 6 S. 6 on N. E.
 R. 34 E. S. 7 " S. E.
 R. 33 E. S. 12 " S. W. and
 S. 1 " N. W. faces, with
 1 notch on N. & 5 notches on S. edges; from which
 A pine 10 ins. dia. brs. S. 38° E. 28 lbs.
 dist. marked T. 6 S. R. 34 E. S. 7 B. T.
 A pine 30 ins. dia. brs. N. 22° E. 28 lbs.

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

dist. marked T. 6 S. R. 34 E. S. 6 B. T.
 A tamarack 10 ins. dia. brs. S. 41° W. 15 lbs.

dist. marked T. 6 S. R. 33 E. S. 12 B. T.
 A pine 10 ins. dia. brs. N. 65° W. 11 lbs.

dist. marked T. 6 S. R. 33 E. S. 1 B. T.

Thence I run

West on true line bet. secs.

1 and 12 with same bar.

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

A tamarack 20 ins. dia. brs. S. 62° E. 22
 lbs. dist. marked $\frac{1}{4}$ S. B. T.

A pine 10 ins. dia. brs. N. 42° W. 18
 lbs. dist. marked $\frac{1}{4}$ S. B. T.

79.97 The cor. to secs. 1, 2, 11 & 12

Land hilly. Soil 2nd rate.

Densely covered with forests of
 pine, spruce & tamarack 79.97 chs.

Thick undergrowth of balsam, willow,
 small pine, spruce & tamarack 79.97 chs.

Subdivisions of T. 6 S. R. 33 E. 643
Willamette Meridian, Oregon.

^{on true line}
North bet. secs. 1 and 2
Var. 19° 40' E.

Ascend over rolling ground.

40.00 Set a pine post 3 ft. long 3 + 250 ft.
ins. square 24 ins. in ground
for 1/4 sec. cor. marked 1/4 S on
W. face; from which
A tamarack 20 ins. dia. brs. S. 42° E. 20
lks. dist. marked 1/4 S. B.T.

A pine 4 ins. dia. brs. N. 34° W. 15 lks.
dist. marked 1/4 S. B.T.

51.00 Top of ascent and descend + 50 ft.

76.29 Intersect the 1st Standard
parallel S. at a point 7 lks.
W. of cor. to secs. 34 & 35 - at
which point I set a pine
post 4 ft. long 4 ins. square
24 ins. in ground for closing
cor. to secs. 1 & 2 marked
C. C. T. 6 S. R. 33 E. on S.

S. 1 " E. and
S. 2 " W. faces;

24

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

with 1 notch on E. & 5 notches
on W. edges;

from which

A tamarack 11 ms. dia. brs. S. 36° E.
49 lks. dist. marked T. 6 S. R. 33 E.
S. 1 B. T.

A pine 8 ms. dia. brs. S. 68° W.
21 lks. dist. marked T. 6 S. R. 33 E.
S. 2 B. T.

Land rolling.

Soil 2nd rate.

Densely covered with forests of
pine, fir and tamarack 76.29 chs.
Thick undergrowth of balm
small pine & tamarack 76.29 chs.

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

- 40.00 A point 400 ft. above last branch, and set a pine post 3 ft. long 3 ins. square 24 ins. in ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. on W. face; from which a tamarack 8 ins. dia. br. S. 22° E. 6 lks. dist. marked $\frac{1}{4}$ S. B. T.
- A pine 12 ins. dia. br. N. 8° W. 26 lks. dist. marked $\frac{1}{4}$ S. B. T.
- 47.00 Top of ridge course S. W. & descend. +100.
- 58.50 Spring branch 3 lks. wide course W.
- 79.00 Enter marsh course E. & W.
- 80.00 Set alder post 4 ft. long 4 ins. square 24 ins. in ground for cor. to secs. 26, 27, 34 & 35 marked T. 6 S. S. 26 on N. E. R. 33 E. S. 35 " S. E. S. 34 " S. W. and S. 27 " N. W. faces, with 2 notches on E. and 1 notch on S. edges; from which an alder 8 ins. dia. br. N. 75° E. 20 lks.

Subdivisions of T. 6 S. R. 33 E. 647

Willamette Meridian, Oregon.

dist. marked T. 6 S. R. 33 E. S. 26 B. T.

An alder 6 ins. dia. brs. S. 42° E. 32 lbs.

dist. marked T. 6 S. R. 33 E. S. 35 B. T.

An alder 10 ins. dia. brs. S. 60° W. 32 lbs.

dist. marked T. 6 S. R. 33 E. S. 34 B. T.

An alder 8 ins. dia. brs. S. 42° W. 7 lbs.

dist. marked T. 6 S. R. 33 E. S. 27 B. T.

Land mountainous.

Soil 2nd rate.

Densely covered with forests of
 pine tamarack & alder 80 chs.
 Thick undergrowth of small
 pine, tamarack & alder 80 chs.

648 Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

East on random line bet. secs.
26 & 35

Var. 20° E.

Descending.

- 3.00 Leave marsh course N. E. & S. W.
40.00 Set temp. $\frac{1}{4}$ sec. cor. at base
of hill course N. W. & S. E.
61.00 Top of mountain divide
course N. & S. - a point 400
ft. above $\frac{1}{4}$ sec. cor.
62.00 Trail course N. & S.
Thence descend.
79.95 Intersect N. & S. line at 20 lbs.
N. of cor. to secs. 25, 26, 35 & 36
Thence I run
N. $89^{\circ} 51'$ W. on true line bet. secs.
26 & 35 with same Var.
39.97 Set a basalt stone $14 \times 12 \times 8$ ins.
9 ins. in ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on N. face;
from which
a fir 10 ins. dia. brs. S. 25° E. 14 lbs.

29

Subdivisions of T. 6 S. R. 33 E. 649

Willamette Meridian, Oregon.

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

A fir 12 ins. dia. br. N. 20° E. 4 lks.

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

79.95 The cor. to secs. 26, 27, 34 & 35

Land mountainous.

Soil 2nd rate.

Densely covered with forests of
pine, spruce, tamarack
and fir timber 79.95 chs.

Thick undergrowth of balsam
alder & small pine 79.95 chs

June 26th 1883

Subdivisions of T. 6 S. R. 33 E

Willamette Meridian, Oregon.

North bet. secs. 26 and 27

Var. 20° E.

- 5.75 Leave marsh course E. & N.
 11.00 Springbranch 3 lks. wide course N.
 12.00 Ascend hill course E. & N.
 40.00 A point 200 ft. above last sec. cor.
 and set a granite stone 20 x
 13 x 10 ins. 15 ins. in ground
 for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on
 N. face; from which
 A tamarack 10 ins. dia. br. West
 26 lks. dist. marked $\frac{1}{4}$ S.B.T.
 A tamarack 10 ins. dia. br. S. 47° E.
 27 lks. dist. marked $\frac{1}{4}$ S.B.T.
 44.00 Top of hill course N. W. & S. E. + 100 ft.
 45.00 Begin descent
 75.75 S. fork Cagle creek 6 lks. wide
 course N. 20° W. - 300 "
 80.00 Set a pine post 4 ft. long
 4 ins. square 24 ins. in
 ground for cor. to secs. 22,
 23, 26 & 27 marked

Subdivisions of T. 6 S. R. 33 E. 651

Willamette Meridian, Oregon.

T. 6 S. S. 23 on N.E.
R. 33 E. S. 26 " S.E.
S. 27 " S.W. and
S. 22 " N.W. faces, with
2 notches on S. & E. edges;
from which,

A pine 10 ins. dia. brs. N. 42° E. 3 lbs.
dist. marked T. 6 S. R. 33 E. S. 23 B. T.

A pine 10 ins. dia. brs. S. 29° E. 12 lbs.
dist. marked T. 6 S. R. 33 E. S. 26 B. T.

A pine 12 ins. dia. brs. S. 22° W. 11 lbs.
dist. marked T. 6 S. R. 33 E. S. 27 B. T.

A pine 8 ins. dia. brs. N. 70° W. 13 lbs.
dist. marked T. 6 S. R. 33 E. S. 22 B. T.

Land mountainous.

Soil 2nd rate.

Densely covered with forests
of pine, fir, tamarack & spruce
timber 80. chs.

Thick undergrowth of pine
& balsam 80. chs.

32
10

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

East on random line bet.
secs. 23 and 26

Var. 20° E.

- 2.60 Trail course N. W. & S. E.
- 32.00 Top of ascent - thence +150
descend along hillside facing E.
- 40.00 Set temp. 1/4 sec. cor. -50
- 80.00 Intersect N. & S. line at cor. -50
to secs. 23, 24, 25 & 26

Thence I run
W. on true line bet. secs. 23 & 26
with same Var.

- 40.00 Set a granite stone 13 x 10 x 8
ins. 8 ins. in ground for
1/4 sec. cor. marked 1/4 on N.
face; from which,
A pine 10 ins. dia. brs. S. 80° E. 9 lbs.
dist. marked 1/4 S. B. T.
A fir 8 ins. dia. brs. N. 45° W. 11 lbs.
dist. marked 1/4 S. B. T.

- 80.00 ^{of cor. to} To secs. 22, 23, 26 & 27
Land rolling. Soil 2nd rate.

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

Densely covered with forests of black pine & fir timber, 80. chs. Thick undergrowth of balm and small pine 80. chs.

North bet. secs. 22 and 23
Var. 20° E.

6.50 Trail course N. W. & S. E.

Thence along creek bottom

40.00 Set a basalt stone 12 x 8 x 7 ins. 8 ins. in ground for 1/4 sec. cor. marked 1/4 on W. face; from which

A pine 6 ins. dia. brs. S. 82° W. 7 lks. dist. marked 1/4 S. B. T.

A pine 6 ins. dia. brs. N. 87° E. 45 lks. dist. marked 1/4 S. B. T.

53.75 Creek 8 lks. wide course N. 20° E.

56.00 Leave creek bottom and ascend to

76.00 Top of ridge course N. E. & S. W. + 150

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

80.00 Set a fir post 4 ft. long 4 ins. - 50 ft.
square 24 ins. in ground for
cor. to secs. 14, 15, 22 & 23 marked
T. 6 S. S. 14 on N.E.

R. 33 E. S. 23 " S.E.

S. 22 " S.W. and

S. 15 " N.W. faces, with
3 notches on S. & 2 notches on E.
edges; from which

A fir 13 ins. dia. brs. N. 18° E. 14 lbs. dist.
marked T. 6 S. R. 33 E. S. 14 B.T.

A fir 10 ins. dia. brs. S. 65° E. 15 lbs. dist.
marked T. 6 S. R. 33 E. S. 23 B.T.

A fir 10 ins. dia. brs. S. 25° W. 21 lbs. dist.
marked T. 6 S. R. 33 E. S. 22 B.T.

A fir 24 ins. dia. brs. N. 45° W. 6 lbs. dist.
marked T. 6 S. R. 33 E. S. 15 B.T.

Land mostly creek bottom
Soil 1st rate.

Densely covered with forests
of black pine & fir 80. chs.

35
655

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

East on random line bet. secs.
14 and 23

Var. $18^{\circ} 30' E.$

7.00 Top of ridge course N. W. +100 ft.
28.00 Cable creek ^{grade} & ~~the~~ course N. -300 "

Thence ascend to

40.00 A point 200 ft. above creek &
Set temp. $\frac{1}{4}$ sec. cor.

76.00 Top of ascent +150 "

79.80 Intersect N. & S. line at cor. to
secs. 13, 14, 23 & 24

Thence I run
N. on true line bet. secs. 14 & 23
with same Var.

39.90 Set a basalt stone $15 \times 9 \times 6$ ins 10 ins
in the ground for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on N. face.

from which

A pine 4 ins. dia. br. N. $50^{\circ} E.$ 9 lbs.
dist. marked $\frac{1}{4}$ S. B. T.

A pine 4 ins. dia. br. S. $43^{\circ} E.$ 12 lbs.
dist. marked $\frac{1}{4}$ S. B. T.

658
 Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

79.80 The cor. to secs. 14, 15, 22 & 23
 Land hilly. Soil 2nd rate.
 Densely covered with forests of
 tamarack & black pine
 timber 79.80 chs.
 Thick undergrowth of small
 pine & spruce 79.80 chs.
 June 27th 1883

North bet. secs. 14 and 15
 Var. 18° 30' E.

Descend.

32.20 Cable creek 8 lks. wide course - 300
 N.W. - thence ascend along
 hillside facing S.W.

40.00 Set a basalt stone 14 x 10 x 8 + 50
 ins. 9 ins. in ground for 1/4
 sec. cor. marked 1/4 on N. face
 from which
 A pine 8 ins. dia. brs. S. 15° W. 18 lks.
 dist. marked 1/4 S.B.T.

37

Subdivisions of T. 6 S R. 32 E 657

Willamette Meridian, Oregon.

- A pine 10 ins. dia. brs. S. 62° E. 14 lks.
 dist. marked 1/4 S B.T.
- 42.50 Marshy ravine course N.
- 45.00 Ascend abruptly.
- 55.00 Top of ascent course E. & N. +250 ft
 Thence descend through burnt
 timber
- 76.50 Spring runs N. W.
- 80.00 A pine 18 ins. diam. which L -150"
 marked T. 6 S. S. 11 on N. E.
 R. 33 E. S. 14 " S. E.
 S. 15 " S. W. &
 S. 10 " N. W. faces
 with 4 notches on S. & 2 notches
 E. edges, for cor. to secs. 10, 11
 14 & 15, - from which
 A pine 10 ins. dia. brs. N. 31° E. 6 lks.
 dist. marked T. 6 S. R. 33 E. S. 11 B.T.
- A pine 10 ins. dia. brs. S. 14° E. 5 lks.
 dist. marked T. 6 S. R. 33 E. S. 14 B.T.
- A pine 8 ins. dia. brs. S. 56° W. 32 lks.
 dist. marked T. 6 S. R. 33 E. S. 15 B.T.

Subdivisions of T. 6 S R. 33 E

Willamette Meridian, Oregon.

Apine 8 ins. dia. brs. A. 66° W. 21 lks.
 dist. marked T. 6 S R. 33 E S. 10 B. T.
 Land hilly. Soil 2nd rate.
 Densely covered with pine
 & tamarack timber, partly
 deadened by fire, 80 chs.
 Thick undergrowth of small
 pine 80. chs.

East on random line bet. secs.
 11 and 14

Var. 19° 40' E.

Ascend hill facing N. W.

- 20.00 Top of " & descend gently +100
- 40.00 Set temp. 1/4 sec. cor.
- 47.55 Spring branch 4 lks. wide -100
course N.
- 79.60 Intersect of S. & E. line at -80
30 lks. N. of cor. to secs. 11, 12, 13
& 14 - Thence I run
N. 89° 47' W. on true line bet.

39

Subdivisions of T. 6 S. R. 33 E. 659

Willamette Meridian, Oregon.

- secs. 11 & 14 with same Var.
- 39.80 Set basalt stone 10 x 10 x 8 ins.
7 ins. in ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on N. face;
from which
A fir 10 ins. dia. br. N. 64° E. 26 lbs.
dist. marked $\frac{1}{4}$ S. B. T.
A fir 11 ins. dia. br. S. 43° E. 3 lbs.
dist. marked $\frac{1}{4}$ S. B. T.
- 79.60 The cor. to secs. 10, 11, 14 & 15
Land hilly.
Soil 2nd rate.
Densely covered with forests
of pine & fir timber 79.60 chs.

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

- North bet. secs. 10 and 11
 Var. $19^{\circ}40' E.$
- 35.00 Descend over rolling ground.
 Spring branch 3 lks. wide
 course N.
- 40.00 Set pine post 3 ft. long 3 ins.
 square 24 ins. in ground for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. on - 300
 W. face; from which
 A pine 10 ins. dia. br. S. $29^{\circ} N.$ 89
 lks. dist. marked $\frac{1}{4}$ S. B.T.
 A fir 8 ins. dia. br. N. $48^{\circ} E.$ 61
 lks. dist. marked $\frac{1}{4}$ S. B.T.
- 58.00 Foot of descent, enter creek
 bottom course E. & W. - 100
- 67.00 N. fork of Cable creek 15 lks.
 wide course N.
- 77.00 Leave creek bottom.
- 80.00 Set a pine post 4 ft. long 4 ins.
 square 24 ins. in ground
 for cor. to secs. 2, 3, 10 & 11
 marked T. 6 S. S. 2 on N.E.

41

Subdivisions of T. 6 S. R. 33 E. 661

Willamette Meridian, Oregon.

R. 33 E. S. 11 on S. E.
S. 10 " S. W. and
S. 3 " N. W. faces, with
5 notches on S. & 2 notches on
E. edges; from which
Spine 6 ins. dia. br. N. 35° E. 35 lks. dist.
marked T. 6 S. R. 33 E. S. 2 B.T.
Spine 14 ins. dia. br. S. 58° E. 72 lks. dist.
marked T. 6 S. R. 33 E. S. 11 B.T.
Spine 11 ins. dia. br. S. 6° W. 38 lks. dist.
marked T. 6 S. R. 33 E. S. 10 B.T.
Spine 10 ins. dia. br. N. 81° W. 43 lks. dist.
marked T. 6 S. R. 33 E. S. 3 B.T.
Land rolling & mountainous.
Soil 1st & 2nd rate.
Densely covered with forests of Fir &
Black Pine timber 80. chs.

43

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

663

Densely covered with forests
of pine, fir, tamarack and
spruce timber

Thick undergrowth of balm
and small pine

June 28th 1883

^{on true line}
North bet. secs. 2 and 3
Var. 20° 10' E.

22.00 Descend gently.

40.00 A pine 16 ins. diam. which - 100
2 marked $\frac{1}{4}$ S. on N. face, for
 $\frac{1}{4}$ sec. cor. - from which

A pine 12 ins. dia. brs. N. 70° W. 25
lks. dist. marked $\frac{1}{4}$ S. B.T.

A pine 10 ins. dia. brs. N. 40° E. 15
lks. dist. marked $\frac{1}{4}$ S. B.T.

47.00 Enter marshy swamp &
creek 5 lks. wide course S. W.

61.00 Leave marsh & creek.

44

Subdivisions of T. 6 S. R. 33 E.

664

Willamette Meridian, Oregon.

75.71 Intersect the 1st Standard Parallel S. at a point 47 lks. E. of cor. to secs. 33 & 34 - at which point I set a basalt stone 14 x 12 x 8 ins. 9 ins. in ground for closing cor. to secs. 2 & 3 marked S. S. with 2 notches on E. & 4 notches on W. edges;

from which
 A pine 10 ins. dia. brs. S. 29° E. 37 lks.
 dist. marked T. 6 S. R. 33 E. S. 2 B. T.
 A pine 6 ins. dia. brs. S. 8 W. 38 lks.
 dist. marked T. 6 S. R. 33 E. S. 3 B. T.

Land rolling.

Soil 1st and 2nd rate.
 Densely covered with forests of
 pine, fir, spruce & tamarack
 timber 75.71 chs.

Undergrowth of balsam & pine 75.71 chs.

Subdivisions of T. 6 S. R. 33 E. 665

Willamette Meridian, Oregon.

From the cor. to secs. 3, 4, 33 and 34 on the S. bdy. of Twp. which is a post 4 ft. long 4 ins. square firmly set in ground marked T. 6 S. S. 34 on N. E. R. 33 E. S. 3 " S. E. T. 7 S. S. 4 " S. W. S. 33 " N. W.

faces, with 3 notches on E. & W. edges; from which

Aspen 20 ins. dia. brs. N. 81° E. 38 lks. dist. marked T. 6 S. R. 33 E. S. 34 B. T.

Aspen 10 ins. dia. brs. S. 9° E. 102 lks. dist. marked T. 7 S. R. 33 E. S. 3 B. T.

Amarack 30 ins. dia. brs. S. 17° W. 80 lks. dist. marked T. 7 S. R. 33 E. S. 4 B. T.

Aspen 36 ins. dia. brs. N. 10° W. 62 lks. dist. marked T. 6 S. R. 33 E. S. 33 B. T.

2 run North bet. secs. 33 and 34 Var. 20° E.

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

- Ascend over rolling ground
 40.00 Set a spruce post 3 ft. + 100
 long 3 ins. square 24 ins.
 in ground for $\frac{1}{4}$ sec. cor.
 marked $\frac{1}{4}$ S on N. face;
 from which
 A spruce 15 ins. dia. brs. N. 62° W.
 16 lbs. dist. marked $\frac{1}{4}$ S. B. T.
 A spruce 20 ins. dia. brs. S. 23° E.
 7 lbs. dist. marked $\frac{1}{4}$ S. B. T.
 Descend
 80.00 Set a fir post 4 ft. long 4 ins.
 square 24 ins. in ground
 for cor. to secs. 27, 28, 33 & 34
 marked T. 6 S. S. 27 on N. E.
 R. 33 E. S. 34 " S. E.
 S. 33 " S. W. 8
 S. 28 " N. W.
 faces, with 1 notch on S. & 3
 notches on E. edges;
 from which
 A fir 16 ins. dia. brs. N. 33° E. 19 lbs.

47
667

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

dist. marked T. 6 S. R. 33 E. S. 27 B. T.
A fir 8 ins. dia. brs. S. 79° E. 31 lks. dist.
marked T. 6 S. R. 33 E. S. 34 B. T.
A pine 13 ins. dia. brs. S. 72° W. 7 lks. dist.
marked T. 6 S. R. 33 E. S. 33 B. T.
A fir 11 ins. dia. brs. N. 24° W. 11 lks. dist.
marked T. 6 S. R. 33 E. S. 28 B. T.

Land rolling.

Line extends along the Brakes
of a high hill descending E.
Soil 2nd rate.

Densely covered with forests
of pine, fir, tamarack and
spruce timber so. chs.

Thick undergrowth of, balsam
alder, small pine & fir so. chs.

668 Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

East on random line bet
secs. 27 and 34

Var. 20° E.

11.00 Springbranch 3 lks. wide course S.E.

12.00 " " " " " " S.E.

A point 200 ft. below ^{sec} cor. thence
ascend hill course N. & S.

20.00 Top of " " " " " " N. & S. +150ft.

40.00 A point on bench, 200 ft. above
creek, & set temp. 1/4 sec. cor.

63.00 Springbranch 3 lks. wide course S.W. - 100'

79.00 Enter marsh course N. & S.

79.70 Intersect N. & S. line at 18 lks.

N. of cor. to secs. 26, 27, 34 & 35

Thence I run

N. 89° 52' W. on true line bet. secs.

27 & 34 with same Var.

39.85 Set a pine post 3 ft. long 3 inq.

square 2 1/4 ins. in ground for

1/4 sec. cor. marked 1/4 S on N.

face, from which

Stammarack 4 ins. dia. br. S. 80° W.

49

Subdivisions of T. 6 S. R. 33 E. 669

Willamette Meridian, Oregon.

3 lks. dist. marked $\frac{1}{4}$ S. B. T.
A tamarack 8 ins. dia. br. N. 80° E.
21 lks. dist. marked $\frac{1}{4}$ S. B. T.

79.70 The cor. to secs. 27, 28, 33 & 34
Land rolling.
Soil 2nd rate.

Densely covered with forests of
pine, fir, tamarack & spruce
timber 79.70 chs.

Thick undergrowth of balsam,
spruce & tamarack 79.70 chs.

Subdivisions of T. 6 S R. 33 E.
670

Willamette Meridian, Oregon.

North bet. secs. 27 & 28

Var. 20° E.

2.00 Springbranch 3 lks. wide course N. E.

6.00 " " 4 " " S. E.

Thence ascend.

40.00 A point 400 ft. above sec. cor.
& set a pine post 3 ft. long 3 ins.
square 24 ins. in ground for
1/4 sec. cor. marked 1/4 S. on N. face;
from which

A pine 12 ins. dia. brs. N. 42° W. 21
lks. dist. marked 1/4 S. B.T.

A tamarack 10 ins. dia. brs. N. 68° E.
34 lks. dist. marked 1/4 S. B.T.

68.00 Top of mountain divide
course E. & W. + 400 ft.

80.00 Set a pine post 4 ft. long - 50.
4 ins. square 24 ins. in ground
for cor. to secs. 21, 22, 27 & 28
marked T. 6 S. S. 22 on N. E.

R 33 E. S. 27 " S. E.

S. 28 " S. W. and

Subdivisions of T. 6 S. R. 33 E. 671

Willamette Meridian, Oregon.

S. 21 on N. W. faces, with 2 notches on S. and 3 notches on E. edges; from which
 A pine 10 ins. dia. brs. N. 60° E. 33 lks. dist. marked T. 6 S. R. 33 E. S. 22 B. T.
 A pine 13 ins. dia. brs. S. 18° E. 16 lks. dist. marked T. 6 S. R. 33 E. S. 27 B. T.
 A spruce 8 ins. dia. brs. S. 65° W. 16 lks. dist. marked T. 6 S. R. 33 E. S. 28 B. T.
 A pine 4 ins. dia. brs. N. 42° W. 21 lks. dist. marked T. 6 S. R. 33 E. S. 21 B. T.

Land mountainous.

Soil 2nd rate.

Densely covered with forests of pine fir, spruce & tamarack 80. chs.
 Thick undergrowth of pine spruce & balsam 80. chs.

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

East on random line bet. secs.
22 and 27

(Var. $20^{\circ}30'$ E.)

- 1.50 Head of ravine course N. W.
20.00 Descend ridge " N. E. & S. W.
40.00 Set temp. $\frac{1}{4}$ sec. cor. - 200 ft.
69.00 Foot of hill & enter level bottom
course N. & S. - 400 "
79.00 Leave creek 6 lks. wide course N.
79.60 Intersect N. & S. line at 20 lks. N.
of cor. to secs. 22, 23, 26 & 27

Thence run

N. $89^{\circ}51'$ W. on true line bet. secs.
22 & 27 with same Var.

- 39.80 Set a fir post 3 ft. long 3 ins.
square 24 ins. in ground for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. on N.
face; from which
A fir 8 ins. dia. brs. N. 35° E. 6 lks.
dist. marked $\frac{1}{4}$ S. B. T.
A fir 10 ins. dia. brs. S. 14° W. 31 lks.
dist. marked $\frac{1}{4}$ S. B. T.

Subdivisions of T. 6 S. R. 33 E. 3

Willamette Meridian, Oregon.

79.60 The cor. to secs. 21, 22, 27 & 28
 Land mountainous. Soil 2nd rate.
 Densely covered with forests of
 pine, fir, spruce and tam-
 arack timber 79.60 chs.
 Thick undergrowth of alder
 balm, small pine & fir 79.60 chs.
 June 29th 1883

North bet. secs. 21 and 22
 Var. 20° 30' E.

Over rolling ground through
 dense forests

35.00 Line passes along E. margin of
 a lake extending along line for
 200 lks. and W. for 20 chs.

40.00 Set a pine post 3 ft long 3 ins.
 square 24 ins. in ground for
 1/4 sec. cor. marked 1/4 S. on W.
 face; from which
 A pine 12 ins. dia. brs. N. 70° W. 4 lks.

54

Subdivisions of T. 6 S. R. 33 E.

674

Willamette Meridian, Oregon.

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

A pine 11 ins. dia. br. S. 78° E. 4 lks.

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

80.00

Set a pine post 4 ft. long 4 ins. square 24 ins. in ground for cor. to secs. 15, 16, 21 & 22 marked T. 6 S. S. 15 on N. E.

R. 33 E. S. 22 " S. E.

S. 21 " S. W. 8

S. 16 " N. W.

faces, with 3 notches on S & E. edges; from which

A fir 25 ins. dia. br. N. 61° E. 18 lks.

dist. marked T. 6 S. R. 33 E. S. 15 B.T.

A fir 10 ins. dia. br. S. 45° E. 29 lks.

dist. marked T. 6 S. R. 33 E. S. 22 B.T.

A fir 10 ins. dia. br. S. 23° W. 11 lks.

dist. marked T. 6 S. R. 33 E. S. 21 B.T.

dug pit - 18 + 18 + 12 ins in sec 16. 5 1/2 ft dist.

and raised a mound of earth around post.

Land gently rolling.

Soil good 2nd rate.

Subdivisions of T. 6 S. R. 33 ⁸⁷⁵

Willamette Meridian, Oregon.

Densely covered with forests of fir & black pine timber 80. chs.

East on random line bet. secs. 15 & 22

(Var. 19° 10' E.)

24.80 Ravine course N. - 80 ft.

40.00 A point 200 ft. below last sec. cor. & set temp. 1/4 sec. cor.

Descend hill course N. E.

57.00 Trail course N. W. & S. E.

80.00 Intersect Ch. & S. line at 8 lbs. - 400 "

N. of cor. to secs. 14, 15, 22 & 23

Thence I run

N. 89° 57' W. on true line bet. secs.

15 & 22, with same Var.

40.00 Set a basalt stone 18 x 11 x 3 ins.

12 ins. in ground for 1/4 sec.

cor. marked 1/4 on N. face;

from which,

56

Subdivisions of T. 6 S. R. 33 E.

676

Willamette Meridian, Oregon.

Fir 20 ins. dia. br. South 3 lks.
dist. marked $\frac{1}{4}$ S. B. T.

Fir 18 ins. dia. br. N. 74° E. 9 lks.
dist. marked $\frac{1}{4}$ S. B. T.

80.00 The cor. to secs. 15, 16, 21 & 22
Land rolling & hilly.
Soil 2nd rate.

Densely covered with forests of
pine, fir tamarack & spruce
timber 80. chs.

Undergrowth of small spruce,
and pine 80. chs.

57

Subdivisions of T. 6 S. R. 33 E. 677

Willamette Meridian, Oregon.

North bet. secs. 15 & 16

Var. $19^{\circ}10'$ E.

Descend

40.00 Set a fir post 3 ft. long 3 ins. 300 ft. square 24 ins. in ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. on W. face; from which

A fir 10 ins. dia. brs. N. 79° E. 4 lks. dist. marked $\frac{1}{4}$ S. B. T.

A tamarack 10 ins. dia. brs. N. 48° W. 11 lks. dist. marked $\frac{1}{4}$ S. B. T.

46.00 Ravine course N. W.

80.00 Set a basalt stone 16 x 10 x 10 - 300. ins. 10 ins. in ground for cor. to secs. 9, 10, 15 & 16 marked with 4 notches on S. and 3 notches on E. edges;

from which

A pine 10 ins. dia. brs. N. 68° E. 9 lks. dist. marked T. 6 S. R. 33 E. S. 10 B. T.

A spruce 8 ins. dia. brs. S. 65° E. 4 lks. dist. marked T. 6 S. R. 33 E. S. 15 B. T.

Subdivisions of T. 6 S. R. 33 E.

678

Willamette Meridian, Oregon.

Aspine 8 ins. dia. brs. S. 40° W. 2 lbs.
 dist. marked T. 6 S. R. 33 E. S. 16 B. T.
 Aspine 10 ins. dia. brs. N. 63° W. 9 lbs.
 dist. marked T. 6 S. R. 33 E. S. 9 B. T.
 Land mountainous
 Soil 2nd rate.

Densely covered with forests of
 pine, fir, spruce & tamarack so. chs.
 Thick undergrowth of small
 pine, fir, & tamarack so. chs.

East on random line bet. secs.
 10 and 15

Var. 22° E.

7.50 Creek 10 lbs. wide course N. W. - 100
 Ascend hill course N. W. & S. E.
 12.00 Trail " N. W. & S. E.
 34.00 Top of hill " N. W. & S. E. + 250
 40.00 Set temp. 1/4 sec. cor.
 Descend over rolling ground.

Subdivisions of T. 14 S. R. 33 E. 679

no Willamette Meridian, Oregon.

- 77.00 Spring branch 2 lbs. wide course
N. W. at foot of descent - 200 ft.
- 79.90 Intersect N. & S. line at cor. to
secs. 10, 11, 14 & 15
Thence I run
West on true line bet. secs. 10 & 15
with same Var.
- 39.95 Set a pine post 3 ft. long 3 ins.
square 24 ins. in ground for
1/4 sec. cor. marked 1/4 S. on N.
face; from which
A pine 4 ins. dia. brs. S. 62° E. 9 lbs.
dist. marked 1/4 S. B. T.
A pine 4 ins. dia. brs. N. 40° W. 13 lbs.
dist. marked 1/4 S. B. T.
- 79.90 The cor. to secs. 9, 10, 15 & 16
Land rolling. Soil 2nd rate.
Densely covered with forests
of pine, fir, tamarack and
spruce timber 79.90 chs.
Thick undergrowth of small
pine, fir & tamarack 79.90 chs.
June 30 - 1883

Subdivisions of T. 6 S. R. 33 E.

680

Willamette Meridian, Oregon.

North bet. secs. 9 and 10
 Var. 22° E.

- 5.00 Creek 10 lbs. wide course N. W. - 120
 7.00 Trail course E. & W.
 15.00 Top of hill from creek + 250
 40.00 Set a pine post 3 ft. long 3 ins.
 square 24 ins. in ground for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. on W.
 face; from which
 A pine 6 ins. dia. brs. S. 45° E. 6 lbs.
 dist. marked $\frac{1}{4}$ S. B. T.
 A fir 8 ins. dia. brs. N. 85° W. 7 lbs.
 dist. marked $\frac{1}{4}$ S. B. T.
 69.00 Ravine course N. W.
 78.00 " " N. E.
 Foot of descent - 300
 80.00 Set a pine post 4 ft. long 4
 ins. square 24 ins. in ground
 for cor. to secs. 3, 4, 9 & 10
 marked T. 6 S. S. 3 on N. E.
 R. 33 E. S. 10 " S. E.
 S. 9 " S. W. 8

Subdivisions of T. 6 S. R. 33 E. 61

Willamette Meridian, Oregon.

681

S. 4 on N. W. faces, with 5 notches
on S. and 3 notches on E. edges,
from which,

A tamarack 18 ins. dia. br. N. 32° E. 25 lbs.
dist. marked T. 6 S. R. 33 E. S. 3 B. T.

A fir 12 ins. dia. br. S. 20° E. 10 lbs. dist.
marked T. 6 S. R. 33 E. S. 10 B. T.

A tamarack 18 ins. dia. br. S. 51° W. 20 lbs.
dist. marked T. 6 S. R. 33 E. S. 9 B. T.

A fir 18 ins. dia. br. N. 64° W. 24 lbs.
dist. marked T. 6 S. R. 33 E. S. 4 B. T.

Land mountainous.

Soil 2nd rate.

Densely covered with forests of
pine, fir & tamarack 80. chs.
Thick undergrowth of small
pine, fir & tamarack 80. chs.

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

682

East on random line bet. secs.
3 and 10

Var. 18° E.

- 1.20 Ravine course N. E.
32.00 " " N.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
Descend.
49.50 Creek 15 lbs. wide course N. W.
at foot of descent - 150
56.00 Leave creek bottom & ascend
point course N. W.
70.00 Top of point & descend +100
80.20 Intersect N. & S. line at cor. to
secs. 2, 3, 10 & 11

Thence I run

West on true line bet. secs.

3 & 10 with same Var.

- 40.10 Set a pine post 3 ft long 3 in
square 2 4 in. in ground
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S.
on N. face; from which
a pine 10 in. dia. br. N. 2° W.

63

Subdivisions of T. 6 S. R. 33 E83
Willamette Meridian, Oregon.

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

A pine 8 ins. dia. brs. S. 12° E.

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

80.20 The cor. to secs. 3, 4, 9 & 10

Land hilly. Soil 2nd rate.

Densely covered with forests of black pine, mostly deadened by fire, 80.20 chs.

North bet. secs. 3 and 4
Var. 18° E.

25.00 Descend abruptly.

39.50 Creek 15 lks. wide course W. - 300 ft.

40.00 Set basalt stone $12 \times 8 \times 6$ ins.

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

marked $\frac{1}{4}$ on W. face;

from which

A pine 8 ins. dia. brs. N. 44° W. 29 lks.

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

A pine 12 ins. dia. brs. S. 70° E. 65 lks.

64

684 Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

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

69.00 Ravine course S.W.

75.13 Intersect the 1st Standard Parallel S. at a point 90 lks.

E. of cor. to secs. 32 & 33 -

at which point I set a pine post 4 ft. long 4 ins. square

2 4 ins. in ground for closing cor. to secs. 3 & 4 marked

ll. ll. T. 6 S. R. 33 E. on S.

S. 3 " E. 8

S. 4 " W. faces,

with 3 notches on E. & W. edges; from which

A pine 18 ins. dia. brs. S. 77° W. 139 lks. dist. marked T. 6 S. R. 33 E. S. 4 B.T.

A pine 30 ins. dia. brs. S. 61° E. 104 lks. dist. marked T. 6 S. R. 33 E. S. 3 B.T.

Land hilly

Soil 2nd rate.

Densely covered with forests of pine, fir, tamarack & spruce

Subdivisions of T. 6 S. R. 33 E. ⁶⁵ 685

Willamette Meridian, Oregon.

timber 75.13 chs.

Thick undergrowth of small
pine, balsam & spruce 75.13 chs.

From the cor. to secs. 4, 5, 32
& 33 on S. bdy. of the Twp.
which is a granite stone
16 x 13 x 12 ins, firmly set in
ground marked with 4 notches
on E. and 2 notches on W. edges;
from which

Spine 10 ins. dia. brs. N. 62° E. 55 lbs. dist.
marked T. 6 S. R. 33 E. S. 33 B. T.

Spine 10 ins. dia. brs. S. 60° E. 88 lbs. dist.
marked T. 7 S. R. 33 E. S. 4 B. T.

Spine 10 ins. dia. brs. S. 47° W. 15 lbs. dist.
marked T. 7 S. R. 33 E. S. 5 B. T.

Spine 20 ins. dia. brs. N. 15° W. 56 lbs. dist.
marked T. 6 S. R. 33 E. S. 32 B. T.

I run

Subdivisions of T. 6 S R. 33 E

Willamette Meridian, Oregon.

North bet. secs. 32 & 33

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

40.00 Set a granite stone $18 \times 10 \times 10 + 300$ ft.
ins. $1\frac{1}{2}$ ins. in ground for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ on N. face;
from which

A pine 24 ins. dia. brs. $S. 62^{\circ} E. 49$
lks. dist. marked $\frac{1}{4}$ S. B. T.

A tamarack 12 ins. dia. brs. $S. 33^{\circ} E.$
20 lks. dist. marked $\frac{1}{4}$ S. B. T.

64.00 Brook 2 lks. wide course N.

80.00 Set a pine post 4 ft. long + 100
4 ins. square 24 ins. in

ground for cor. to secs. 28, 29,
32 & 33 marked -

T. 6 S. S. 28 on N. E.

R. 33 E. S. 33 " S. E.

S. 32 " S. W. and

S. 29 " N. W. faces, with
1 notch on S. & 4 notches on E.
edges; from which

A pine 30 ins. dia. brs. $N. 25^{\circ} E. 27$ lks.

67

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

687

dist. marked T. 6 S. R. 33 E. S. 28 B. T.

A pine 6 ins. dia. br. S. 22° E. 4 lks.

dist. marked T. 6 S. R. 33 E. S. 33 B. T.

A pine 8 ins. dia. br. S. 31° W. 15 lks.

dist. marked T. 6 S. R. 33 E. S. 32 B. T.

A pine 6 ins. dia. br. N. 18° W. 8 lks.

dist. marked T. 6 S. R. 33 E. S. 29 B. T.

Land hilly sloping S.

Densely covered with forests
of pine, fir & tamarack
timber 80. chs.

Thick undergrowth of balm,
small pine & fir 80. chs.
Soil 2nd rate.

July 1st 1883

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

East on random line bet. secs.
28 and 33

(Var. 20° E.)

Ascend over rolling ground.

40.00 Set temp. $\frac{1}{4}$ sec. cor. +150

48.00 Top of ascent course N. & S. & +80
Descend.

78.00 Springbranch 2 lks. wide course
N. E.

80.18 Intersect N. & S. line at 14 lks. N.
of cor. to secs. 27, 28, 33 & 34

Thence I run,

N. $89^{\circ}54'$ W. on true line bet. secs.
28 & 33 with same Var.

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

A pine 11 ins. dia. br. S. 29° E.

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

A pine 5 ins. dia. br. N. 58° E.

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

69

Subdivisions of T. 6 S. R. 33 689

Willamette Meridian, Oregon.

80.18 The cor. to secs. 28, 29, 32 & 33
Land rolling.
Soil 2nd rate.
Densely covered with forests
of pine & fir timber 80.18 chs.
Thick undergrowth of balm,
willow, small pine & fir 80.18 chs.

North bet. secs. 28 & 29

Var. 20° E.

40.00 Set a fir post 3 ft. long 3 ins.
square 24 ins. in ground for
1/4 sec. cor. marked 1/4 S. on N.
face; from which
Atamarack 18 ins. dia. brs. S. 60° W.
10 lbs. dist. marked 1/4 S. B.T.
Atamarack 18 ins. dia. brs. N. 80° E.
15 lbs. dist. marked 1/4 S. B.T.

43.00 Ravine course N. W. - thence
descend along hillside facing

Subdivisions of T. 6 S. R. 33 E.

690

Willamette Meridian, Oregon.

A. W.

80.00

Set tamarack post 4 ft. - 200
 long 4 ins. square 2 1/2 ins. in
 ground for cor. to secs. 20, 21
 28 & 29 marked -
 T. 6 S. S. 21 on N. E.
 R. 33 E. S. 28 " S. E.

S. 29 " S. W. and

S. 20 " N. W. faces, with 2
 notches on S. and 4 notches on
 E. edges; from which

Spine 6 ins. dia. brs. N. 52° E. 11 lbs.
 dist. marked T. 6 S. R. 33 E. S. 21 B. T.

Spine 5 ins. dia. brs. S. 27° E. 4 lbs.
 dist. marked T. 6 S. R. 33 E. S. 28 B. T.

Spine 5 ins. dia. brs. S. 30° W. 10 lbs.
 dist. marked T. 6 S. R. 33 E. S. 29 B. T.

Spine 5 ins. dia. brs. N. 10° W. 4 lbs.
 dist. marked T. 6 S. R. 33 E. S. 20 B. T.

Land rolling.

Soil 2nd rate

Densely covered with forests of

71

Subdivisions of T. 6 S. R. 33 E. 691

Willamette Meridian, Oregon.

pine, fir & tamarack timber 80. chs.
Thick undergrowth of small
pine, fir & tamarack 80. chs.

East on random line bet. secs.

21 & 28

Var. 19° E.

Ascend.

40.00 Set a temp. $\frac{1}{4}$ sec. cor. +400 ft.

44.00 Top of ascent - thence over +50 "
gently rolling ground on high
table land.

80.06 Intersect N. & S. line at 20 lbs. N.
of cor. to secs. 21, 22, 27 & 28.

Thence I run

N. $89^{\circ} 51'$ W. on true line bet. secs.
21 & 28 with same Var.

40.03 Set a basalt stone $10 \times 8 \times 8$ ins.
7 ins. in ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on N. face;

692 Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

from which

A juniper 18 ins. dia. brs. S. 23° E.
147 lks. dist. marked 1/4 S. B. T.

A juniper 18 ins. dia. brs. N. 11° E.
168 lks. dist. marked 1/4 S. B. T.

80.06 The cor. to secs. 20, 21, 28 & 29
Land rolling, sloping S. W.
Soil 2nd rate.

Densely covered with forests
of pine, fir, tamarack and
juniper timber 80.06 chs.

Subdivisions of T. 6 S. R. 33 E. 693
Willamette Meridian, Oregon.

North bet. secs. 20 & 21

(Var. 19° E.)

3.00

Spring branch course N.
Thence ascend to

38.00

Top of hill & descend. +300 ft.

40.00

Set basalt stone 20 x 15 x 15 ins.
15 ins. in ground for 1/4 sec. cor.
marked 1/4 on N. face;

from which

A pine 12 ins. dia. brs. S. 66° W. 24 lbs.
dist. marked 1/4 S.B.T.

A fir 8 ins. dia. brs. N. 66° E. 31 lbs.
dist. marked 1/4 S.B.T.

62.25

Spring branch 3 lbs. wide course N.
at foot of descent - and -150
ascend.

78.00

Top of hill, enter high table land
course N. W. & S. E. +200

80.00

Set basalt stone 15 x 12 x 12 ins.
10 ins. in ground for cor. to secs.
16, 17, 20 & 21 marked with 3 notches
on S. and 4 notches on E. edges;

74

694 Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

from which

Apine 12 ins. dia. brs. N. 18° E. 52 lbs.
dist. marked T. 6 S. R. 33 E. S. 16 B. T.

Apine 10 ins. dia. brs. S. 48° E. 122 lbs.
dist. marked T. 6 S. R. 33 E. S. 21 B. T.

Apinifer 12 ins. dia. brs. S. 40° W. 156 lbs.
dist. marked T. 6 S. R. 33 E. S. 20 B. T.

Apine 18 ins. dia. brs. N. 73° W. 39 lbs.
dist. marked T. 6 S. R. 33 E. S. 17 B. T.

Land high and hilly.

Soil 3rd rate.

Densely covered with forests of
pine, fir & tamarack
timber 80. chs.

Subdivisions of T. 6 S. R. 33 E. 75
695

Willamette Meridian, Oregon.

East on random line bet. secs.
16 & 21

Var. $19^{\circ}10'$ E.

Descend from cor.

32.00 Foot of hill & brook 3 lks. wide - 300
course N. - ascend.

40.00 Set temp. $\frac{1}{4}$ sec. cor. +200

48.00 Top of mountain course N. & S. +150

80.04 Intersect N. & S. line at 10 lks. N.
of cor. to secs. 15, 16, 21 & 22

Thence I run

N. $89^{\circ}56'$ W. on true line bet. secs.
16 & 21 with same Var.

40.02 Set a basalt stone $29 \times 13 \times 4$ ins.
15 ins. in ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on N. face;
from which

A fir 8 ins. dia. br. S. 10° W. 26 lks.
dist. marked $\frac{1}{4}$ S. B.T.

A tamarack 8 ins. dia. br. N. 17° E.
20 lks. dist. marked $\frac{1}{4}$ S. B.T.

80.04 The cor. to secs. 16, 17, 20 & 21

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

Land mountainous.

Soil 2nd rate.

Densely covered with forests
of pine, fir & tamarack timber 80.04 chs.
Thick undergrowth of small
pine, fir & tamarack 80.04 chs.

North bet. secs. 16 and 17

Var. 19° 10' E.

Descend gently.

40.00 Set a pine post 3 ft. long - 150
3 ins. square 24 ins. in ground
for 1/4 sec. cor. marked 1/4 S. on
N. face; from which
a pine 6 ins. dia. br. S 38° W. 20 lbs.
dist. marked 1/4 S. B.T.

A tamarack 8 ins. dia. br. N 80° E. 13 lbs.
dist. marked 1/4 S. B.T.

80.00 Set a pine post 4 ft. long - 250
4 ins. square 24 ins. in ground.

77

Subdivisions of T. 6 S. R. 33 E. 697

Willamette Meridian, Oregon.

for cor. to secs. 8, 9, 16 & 17 marked
T. 6 S. S. 9 on N.E.

R. 33 E. S. 16 " S.E.

S. 17 " S.W. and

S. 8 " N.W. faces, with 4
notches on S & E. edges;

from which,

A pine 3 ins. dia. brs. N. 21° E. 10 lbs. dist.
marked T. 6 S. R. 33 E. S. 9 B.T.

A pine 3 ins. dia. brs. S. 14° E. 9 lbs. dist.
marked T. 6 S. R. 33 E. S. 16 B.T.

A pine 3 ins. dia. brs. S. 16° W. 20 lbs. dist.
marked T. 6 S. R. 33 E. S. 17 B.T.

A pine 3 ins. dia. brs. N. 66° W. 4 lbs. dist.
marked T. 6 S. R. 33 E. S. 8 B.T.

Land rolling. Soil 2nd rate.

Densely covered with forests of
pine, fir, & tamarack timber 80. chs.
Thick undergrowth of small
pine & fir 80. chs.

July 2nd 1883

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

East on random line bet. secs.
9 and 16

Var. 20° E.

15.00

Springbranch, at foot of hill
course S. - 300

22.00

Top of small ridge course N. & S. + 100

31.00

Springbranch, at foot of hill
course S.

40.00

Set temp. $\frac{1}{4}$ sec. cor. + 200

42.00

Top of ridge course N. & S. &
descend. + 50

65.00

Foot of hill & spring runs N.
Ascend along hillside facing N.W.

80.00

Intersect N. & S. line at 20 lks.
N. of cor. to secs. 9, 10, 15 & 16

Thence I run

N. $89^{\circ}51'$ W. on true line bet. secs.
9 and 16 with same Var.

40.00

Set a basalt stone, $12 \times 8 \times 8$ ins.
8 ins. in ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on N. face;
from which;

Subdivisions of T. 6 S. R. 33 E. 699 79

Willamette Meridian, Oregon.

A fir 18 ins. dia. brs. S. 66° E. 50 lbs.
dist. marked 1/4 S. B.T.

A pine 30 ins. dia. brs. N. 77° W. 66 lbs.
dist. marked 1/4 S. B.T.

80.00 The cor. to secs. 8, 9, 16 & 17.

Land mountainous.

Soil 2nd rate.

Densely covered with forests of
pine, fir & tamarack timber 80. chs.
Thick underbrush of spruce &
pine 80. chs.

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

North bet. secs. 8 & 9

Var. 20° E.

Descend

- 40.00 Set a pine post 3 ft. long - 200
3 ins. square 24 ins. in
ground for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ S. on N. face; from which
A pine 10 ins. dia. brs. N. 68° W. 45 lbs.
dist. marked $\frac{1}{4}$ S. B. T.
- A fir 6 ins. dia. brs. N. 30° E. 9 lbs.
dist. marked $\frac{1}{4}$ S. B. T.
- 57.00 Spring branch 3 lbs. wide
course N. E.
- 64.00 Top of small ridge 100 ft.
above branch.
- 80.00 Set a pine post 4 ft. long - 300
4 ins. square 24 ins. in
ground for cor. to secs. 4, 5,
8 & 9 marked T. 6 S. S. 4 on N. E.
R. 33 E. S. 9 " S. E.
S. 8 " S. W. 8
S. 5 " N. W.

Subdivisions of T. 6 S. R. 33 E. 701

Willamette Meridian, Oregon.

faces, with 5 notches on S. and 4 notches on E. edges; from which

A pine 24 ins. dia. brs. N. 11° E. 41 lks. dist. marked T. 6 S. R. 33 E. S. 4 B. T.

A pine 6 ins. dia. brs. S. 40° E. 63 lks. dist. marked T. 6 S. R. 33 E. S. 9 B. T.

A pine 24 ins. dia. brs. S. 48° W. 9 lks. dist. marked T. 6 S. R. 33 E. S. 8 B. T.

A pine 24 ins. dia. brs. N. 42° W. 20 lks. dist. marked T. 6 S. R. 33 E. S. 5 B. T.

Land mountainous.
Soil 2nd rate.

Densely covered with forests of pine & fir timber 80. chs.
Thick undergrowth of small pine & fir 80 chs.

Subdivisions of T. 6 S R. 33 E.

Willamette Meridian, Oregon.

East on random line bet.
secs. 4 and 9

Var. 19° E.

7.00 Cable creek 10 lks. wide -80
course S. - ascend.

8.50 Trail course N. & S.

37.00 Top of ascent from creek, +250
thence over rolling ground.

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

Gently descending

79.90 Intersect N. & S. line, 30 lks. N.
of cor. to secs. 3, 4, 9 & 10

Thence I run

N. $89^{\circ}47'$ W. on true line bet. secs.

4 & 9 with same Var.

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

A pine 12 ins. dia. br. N. 20° W.

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

A tamarack 10 ins. dia. br. S. 54° W.

83

Subdivisions of T. 6 S. R. 33 703

Willamette Meridian, Oregon.

13 lks. dist. marked $\frac{1}{4}$ S. B. T.
79.90 The cor. to secs. 4, 5, 8 & 9
Land rolling.
Soil 2nd rate.
Densely covered with forests
of pine, fir & tamarack 79.90 chs.
Thick undergrowth of small
pine, fir & tamarack 79.90 chs.

North bet. secs. 4 & 5

Var. 19° E.

6.40 Trail course N. W. & S. E.
10.00 Cable creek 10 lks. wide course
N. W. - thence, along hillside
facing N. W.
40.00 Set a pine post 3 ft. long
3 ins. square 24 ins. in ground
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. on
N. face; from which
Run 30 ins. dia. br. N. 48° W. 27 lks.

84

704 Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

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

A pine 10 ins. dia. brs. N. 88° E. 22
lks. dist. marked $\frac{1}{4}$ S. B.T.

60.00 Creek 8 lks. wide course N. W. - 100

74.82 Intersect the 1st Standard
Parallel S. at a point 50 lks. E.
of cor. to secs. 31 & 32. -

at which point I set a pine
post 4 ft. long 4 ins. square
24 ins. in ground for closing
cor. to sec. 4 & 5 marked
l. l. T. 6 S. R. 33 E. on S.

S. 4 " E. 8

S. 5 " W.

faces, with 4 notches on E.
& 2 notches on W. ^{faces} edges;
from which

A pine 10 ins. dia. brs. S. 82° W. 24 lks.
dist. marked T. 6 S. R. 33 E. S. 5 B.T.

A pine 20 ins. dia. brs. S. 82° E. 40 lks.
dist. marked T. 6 S. R. 33 E. S. 4 B.T.

85

Subdivisions of T. 6 S. R. 33 E. 705

Willamette Meridian, Oregon.

Land rolling. Soil 2nd rate.
Densely covered with forests
of pine, fir, tamarack and
spruce 74.82 chs.
July 3rd 1883

From the cor. to secs. 5, 6, 31 &
32 on the S. bdy. of the Trp.
which is a basalt stone
16 x 13 x 10 ins. firmly set in
ground marked with 5 notches
on E. & 1 notch on W. edges;
from which

A pine 11 ins. dia. br. N. 44° E. 21 lbs.
dist. marked T. 6 S. R. 33 E. S. 32 B. T.
A pine 30 ins. dia. br. S. 52° E. 39 lbs.
dist. marked T. 7 S. R. 33 E. S. 5 B. T.
A pine 24 ins. dia. br. S. 50° W. 35 lbs.
dist. marked T. 7 S. R. 33 E. S. 6 B. T.
A pine 30 ins. dia. br. N. 14° W. 50 lbs.
dist. marked T. 6 S. R. 33 E. S. 31 B. T.

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

Iron
North bet. secs. 31 and 32

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

16.00 Top of ridge course S. W. ⁺²⁰⁰
Descend. ₊₂₀₀

25.00 Trail course E. & W.

36.35 Brook 5 lks. wide course S. W. ⁺¹⁰⁰
₋₁₀₀

40.00 Set a basalt stone $18 \times 10 \times 4$ ins. ⁺⁵⁰
₊₅₀

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

A pine 20 ins. dia. brs. S. 73° W.
26 lks. dist. marked $\frac{1}{4}$ S. B. T.

A pine 20 ins. dia. brs. N. 79° E.
11 lks. dist. marked $\frac{1}{4}$ S. B. T.

Ascend.

80.00 Set basalt stone $18 \times 10 \times 4$ ins. ⁺²⁵⁰
₊₂₅₀

12 ins. in ground for cor. to
secs. 29, 30, 31 & 32 marked
with 1 notch on S. & 5 notches
on E. edges; from which

A pine 30 ins. dia. brs. N. 29° E. 35 lks.

Subdivisions of T. 6 S. R. 33 E. S. 29 B. T. 707

Willamette Meridian, Oregon.

dist. marked T. 6 S. R. 33 E. S. 29 B. T.
 Apine 30 ins. dia. brs. S. 33 E. 38 lks. dist.
 marked T. 6 S. R. 33 E. S. 32 B. T.
 Apine 24 ins. dia. brs. S. 44° W. 105 lks. dist.
 marked T. 6 S. R. 33 E. S. 31 B. T.
 Apine 40 ins. dia. brs. S. 82° W. 107 lks. dist.
 marked T. 6 S. R. 33 E. S. 30 B. T.

Land hilly.

Soil 2nd rate.

Densely covered with forests of yellow pine timber 80. chs.

East on random line bet. secs. 29 & 32

Var. 20° E.

Over rolling ground descending.

40.00 Set temp. 1/4 sec. cor.

66.20 Brook 3 lks. wide course S. W.

80.08 Intersect N. & S line, 20 lks. N. of cor. to secs. 28, 29, 32 & 33

708
 Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

Thence I run

N. $89^{\circ}51'$ W. on true line bet. secs.
 29 & 32 with same Var.

40.04 Set a granite stone $12 \times 8 \times 6$ ins.
 8 ins. in ground for $\frac{1}{4}$ sec.
 cor. marked $\frac{1}{4}$ on N. face;
 from which

A pine 30 ins. dia. brs. S. 30° W. 93
 lbs. dist. marked $\frac{1}{4}$ S. B.T.

A pine 24 ins. dia. brs. N. 85° E. 46
 lbs. dist. marked $\frac{1}{4}$ S. B.T.

80.08 The cor. to secs. 29, 30, 31 & 32
 Land rolling, sloping S.
 Soil 2nd rate.

Densely covered with forests
 of pine, fir, & tamarack
 timber 80.08 chs.

Thick undergrowth of small
 pine on E. $\frac{1}{2}$ mile

89

Subdivisions of T. 6 S. R. 33 E. 709

Willamette Meridian, Oregon.

West on random line bet. secs.
30 and 31.

Var. 20° E.

40.00 Descending over rolling ground,
A point 100 ft. below last sec. cor.
& set temp. $\frac{1}{4}$ sec. cor.

74.00 Thence gently ascending,
Trail course, N. E. & S. W.

76.68 Intersect N. bdy. of Twp. 27 lks. + 150
S. of cor. to secs. 25, 30, 31 & 36
which is a basalt stone

18 x 10 x 5 ins. firmly set in
ground marked with 5

notches on N. and 1 notch
on S. edges; from which

A pine 10 ins. dia. brs. N. 36° E. 72 lks.
dist. marked T. 6 S. R. 33 E. S. 30 B. T.

A pine 40 ins. dia. brs. S. 48° E. 54 lks.
dist. marked T. 6 S. R. 33 E. S. 31 B. T.

A pine 30 ins. dia. brs. S. 51° W. 81 lks.
dist. marked T. 6 S. R. 32 E. S. 36 B. T.

A pine 18 ins. dia. brs. N. 19° W. 70 lks.

90

710

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

dist. marked T. 6 S. R. 32 E. S. 25 B.T.

Thence I run
S. 89° 48' E. on true line bet. secs.
30 & 31 with same Var.

36.68 Set a basalt stone 12 x 12 x 12 ins.
8 ins. in ground for 1/4 sec. cor.
marked 1/4 on N. face;

from which,
A pine 30 ins. dia. brs. S. 36° W. 57
lbs. dist. marked 1/4 S. B.T.

A pine 30 ins. dia. brs. N. 9° E. 63
lbs. dist. marked 1/4 S. B.T.

76.68 The cor. to secs. 29, 30, 31 & 32

Land rolling
Soil 2nd rate.
Densely covered with forests
of pine timber.

Subdivisions of T. 6 S. R. 33 E. ⁹¹ 11

Willamette Meridian, Oregon.

North bet. secs. 29 and 30
Var. 20° E.

Ascend.

- 30.00 Trail course E. & W.
32.00 Top of hill course E. & W. + 400 ft.
40.00 Set a pine post 3 ft. long 3
ins. square 24 ins. in ground
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. on
W. face; from which
A pine 10 ins. dia. brs. S. 30° W. 10 lbs.
dist. marked $\frac{1}{4}$ S. B. T.
A pine 5 ins. dia. brs. N. 65° E. 20 lbs.
dist. marked $\frac{1}{4}$ S. B. T.
61.40 Ravine course W.
80.00 Set a pine post 4 ft. long - 200
4 ins. square 24 ins. in ground
for cor. to secs. 19, 20, 29 & 30 marked
T. 6 S. S. 20 on N. E.
R. 33 E. S. 29 " S. E.
S. 30 " S. W. and
S. 19 " N. W. faces, with
2 notches on S. & 5 notches on E.

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

edges: from which
 A pine 12 ins. dia. brs. N. 44° E. 38 lbs.
 dist. marked T. 6 S. R. 33 E. S. 20 B. T.
 A tamarack 8 ins. dia. brs. S. 58° E. 20 lbs.
 dist. marked T. 6 S. R. 33 E. S. 29 B. T.
 A fir 10 ins. dia. brs. S. 68° W. 32 lbs.
 dist. marked T. 6 S. R. 33 E. S. 30 B. T.
 A pine 8 ins. dia. brs. N. 80° W. 11 lbs.
 dist. marked T. 6 S. R. 33 E. S. 19 B. T.
 Land hilly.

Soil 2nd rate.

Densely covered with forests
 of pine, fir, & tamarack, 80. chs.
 Thick undergrowth of balm
 and small pine 80. chs.

July 4th 1883

93

Subdivisions of T. 6 S. R. 33 E. 713

Willamette Meridian, Oregon.

East on random line bet. secs.
20 and 29

Var. 20° E.

Descend over rolling ground
facing N.

40.00 Set temp. $\frac{1}{4}$ sec. cor. - 200 ft.

51.00 Spring branch course N. W. - 100 "

Ascending

80.00 Intersect N. & S. line, 20 lks. + 200 "

N. of cor. to secs. 20, 21, 28 & 29

Thence I run

N. $89^{\circ} 51'$ W. on true line bet. secs
20 & 29 with same Var.

40.00 A tamarack 10 ins. dia. which

I marked $\frac{1}{4}$ S. on N. face,
for $\frac{1}{4}$ sec. cor.; from which
A tamarack 5 ins. dia. brs. N. 15° E.

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

A pine 5 ins. dia. brs. South

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

80.00 The cor. to secs. 19, 20, 29 & 30

Land rolling hillside facing N.

94

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

Soil 2nd rate.

Densely covered with ^{forests of} pine fir & tamarack timber, 80. chs. Thick undergrowth of alder, pine, & spruce 80. chs.

West on random line bet. secs. 19 and 30

Var. 20° E.

Descend along hillside facing N.W.

20.00 Ravine course N.W.

40.00 Set temp. 1/4 sec. cor.

500
-500

Descending gently

76.37 Intersect W. bdy. of Twp. 30 lbs. S. of cor. to secs. 19, 24, 25 & 30 which is a basalt stone 16 x 12 x 8 ins. firmly set in ground, marked with 4 notches on N. & 2 notches on

Subdivisions of T. 6 S. R. 33 E. 715

Willamette Meridian, Oregon.

S. edges; from which
 Atamarack 18 ins. dia. brs. N. 35° E. 14 lks.
 dist. marked T. 6 S. R. 33 E. S. 19 B. T.
 Spine 11 ins. dia. brs. S. 65° E. 94 lks. dist.
 marked T. 6 S. R. 33 E. S. 30 B. T.
 Spine 24 ins. dia. brs. S. 15° W. 84 lks. dist.
 marked T. 6 S. R. 32 E. S. 25 B. T.
 Spine 7 ins. dia. brs. N. 10° W. 7 lks. dist.
 marked T. 6 S. R. 32 E. S. 24 B. T.

Thence I run

S 89° 47' E. on true line bet. secs. 19 & 30 with same Var.

36.57

Set a pine post 3 ft. long 3 ins. square 24 ins. in ground for 1/4 sec. cor. marked 1/4 S. on N. face; from which

Spine 10 ins. dia. brs. North 56 lks. dist. marked 1/4 S. B. T.

Spine 10 ins. dia. brs. S. 4° W. 72 lks. dist. marked 1/4 S. B. T.

76.57

The cor. to secs. 19, 20, 29 & 30 Land mountainous.

96

716

Subdivisions of T. 6 S. R. 33 E

Willamette Meridian, Oregon.

Soil 2nd rate.

Densely covered with forests of pine & fir timber 76.57 chs. Thick undergrowth of pine, willow, alder & balsm 76.57 chs.

North bet. secs. 19 and 20

Var. 20° E.

Descend abruptly

18.00 Spring branch course N. - 300

40.00 Set basalt stone 15 x 12 x 6 ins.

10 ins. in ground for 1/4 sec. cor.

marked 1/4 on N. face;

from which

A pine 10 ins. dia. br. S. 48° E. 8 lbs.

dist. marked 1/4 S. B. T.

A tamarack 18 ins. dia. br. N. 20° W.

21 lbs. dist. marked 1/4 S. B. T.

49.25 Spring branch course N. - 50

Ascend abruptly

Subdivisions of T. 6 S R. 33 E

Willamette Meridian, Oregon.

- 80.00 Point on top of hill, and set a basalt stone 22 x 10 x 6 ins. + 400 16 ins. in ground for cor. to secs. 17, 18, 19 & 20 marked with 3 notches on S & 5 notches on E. edges. from which
 A fir 11 ins. dia. brs. N. 41° E. 48 lbs. dist. marked T. 6 S. R. 33 E. S. 17 B. T.
- A pine 40 ins. dia. brs. S. 40° E. 68 lbs. dist. marked T. 6 S. R. 33 E. S. 29 B. T.
- A pine 40 ins. dia. brs. S. 80° W. 35 lbs. dist. marked T. 6 S. R. 33 E. S. 19 B. T.
- A pine 24 ins. dia. brs. N. 30° W. 102 lbs. dist. marked T. 6 S. R. 33 E. S. 18 B. T.

Land mountainous.
Soil 2nd rate.

Densely covered with forests of pine, fir & tamarack 80. chs. Thick undergrowth of small pine & fir 80. chs.

98

718

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

East on random line bet. secs.
17 and 20

Var. 19° E.

Along hillside facing S.

20.00

Ravine course S.

35.00

S.

40.00

Set temp. $\frac{1}{4}$ sec. cor. +100

80.00

Intersect N. & S. line, 22 lks.
N. of cor. to secs. 16, 17, 20 & 21

Thence run

N. $89^{\circ} 51'$ W. on true line bet. secs.
17 & 20 with same Var.

40.00

Set a basalt stone $15 \times 15 \times 10$

ins. 10 ins. in ground for

 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N.

face; from which

A pine 30 ins. dia. brs. N. 44° W.75 lks. dist. marked $\frac{1}{4}$ S.B.T.A pine 30 ins. dia. brs. S. 62° W.50 lks. dist. marked $\frac{1}{4}$ S.B.T.

80.00

The cor. to secs. 17, 18, 19 & 20

Land rolling hillside.

99
719

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

Soil 2nd rate.

Densely covered with forests
of pine & fir timber 80. chs.

July 5th 1883

Went on random line bet. secs.
18 and 19

Var. 19° E.

5.00 Descend hill course N. W.

40.00 Set temp. $\frac{1}{4}$ sec. cor. - 150

64.00 Foot of hill & ravine course S. - 200

Ascend.

75.00 Top of ridge course E. & W.

76.80 Intersect W. bdy. of Twp., 31 lbs.

S. of cor. to secs. 13, 18, 19 & 24

which is a basalt stone

20 x 8 x 6 ins. firmly set in

ground, marked with 3

notches on N. & S. edges;

from which

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

Apine 27 ins. dia. brs. N. 61° E. 107 lbs.
dist. marked T. 6 S. R. 33 E. S. 18 B. T.

Apine 30 ins. dia. brs. S. 34° E. 89 lbs.
dist. marked T. 6 S. R. 33 E. S. 19 B. T.

Apine 24 ins. dia. brs. S. 44° W. 65 lbs.
dist. marked T. 6 S. R. 32 E. S. 24 B. T.

Apine 26 ins. dia. brs. N. 20° W. 76 lbs.
dist. marked T. 6 S. R. 32 E. S. 13 B. T.

Thence I run

S. 89° 47' E. on true line bet. secs.
18 & 19 with same Var.

36. 80 Set a basalt stone 12 x 8 x 8 ins.
8 ins. in ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on N. face;
from which

Apine 40 ins. dia. brs. S. 63° E. 15 lbs.
dist. marked $\frac{1}{4}$ S. B. T.

Apine 30 ins. dia. brs. N. 73° E. 52 lbs.
dist. marked $\frac{1}{4}$ S. B. T.

76. 80 The cor. to secs. 17, 18, 19 & 20
Land rolling hillside facing S.
Soil 2nd rate.

Subdivisions of T. 6 S R. 33 E 21

Willamette Meridian, Oregon.

Densely covered with forests of pine fir and tamarack timber 76.80 chs.

Occasional thickets of balm, small pine & fir undergrowth.

North bet. secs. 17 & 18

Var. 19° E.

Over rolling ground.

- 5.00 Top of hill course E. & W. + 80
- 40.00 Set a pine post 3 ft. long + 100
3 ins. square 24 ins. in ground for 1/4 sec. cor. marked 1/4 S. on W. face; from which a pine 10 ins. dia. br. N. 51° E. 14 lks. dist. marked 1/4 S. B.T.
- A fir 10 ins. dia. br. S. 31° W. 15 lks. dist. marked 1/4 S. B.T.
- 80.00 Set a basalt stone 15 x 15 x 12 - 100 ins. 10 ins. in ground for

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

cor. to secs. 7, 8, 17 & 18 marked
 with 4 notches on S. & 5 notches
 on E. edges; from which
 A pine 4 ins. dia. brs. N. 14° E. 21 lbs.
 dist. marked T. 6 S. R. 33 E. S. 8 B. 5
 A fir 8 ins. dia. brs. S. 10° E. 21 lbs.
 dist. marked T. 6 S. R. 33 E. S. 17 B. 5
 A fir 20 ins. dia. brs. S. 31° W. 24 lbs.
 dist. marked T. 6 S. R. 33 E. S. 18 B. 5
 A tamarack 4 ins. dia. brs. N. 42° W.
 42 lbs. dist. marked T. 6 S. R. 33 E.
 S. 7 B. 5.

Land gently rolling.

Soil 2nd rate.

Densely covered with forests
 of pine, fir & tamarack
 timber so. chs.

Thick undergrowth of balm,
 small pine & fir so. chs.

Subdivisions of T. 6 S. R. 33 E. 723

Willamette Meridian, Oregon.

East on random line bet. secs. 8 and 17

Var. 19° E.

Over rolling ground.

40.00 Set temp. 1/4 sec. cor.
80.00 Intersect N. & S. line 22 lks.
N. of cor. to secs. 8, 9, 16 & 17

Thence I run

N. 89° 51' W. on true line bet. secs. 8 & 17 with same Var.

40.00 Set a pine post 3 ft. long 3 ins. square 24 ins. in ground for 1/4 sec. cor. marked 1/4 S. on N. face; from which
A pine 3 ins. dia. br. N. 48° W. 4 lks. dist. marked 1/4 S. B.T.
A pine 3 ins. dia. br. S. 50° E. 12 lks. dist. marked 1/4 S. B.T.

80.00 The cor. to secs. 7, 8, 17 & 18
Land gently rolling.
Soil 2nd rate.
Densely covered with forests of

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

pine, fir & tamarack timber
80.00 chs.

Thick undergrowth of small
pine and fir 80. chs.

West on random line bet. secs.
7 and 18

Var. 19° E.

7.50 Ravine course N.

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

76.78 Intersect N. bdy. of Trwp.
40 lks. N. of cor. to secs. 7, 12,
13 and 18 which is a basalt
stone $18 \times 10 \times 8$ ins. firmly
set in ground marked with
2 notches on N. & 4 notches
on S. edges; from which
A tamarack 12 ins. dia. br. N. 30° E.
26 lks. dist. marked T. 6 S. R. 33 E.
S. 7 B. T.

Subdivisions of T. 6 S. R. 33 E. 25

Willamette Meridian, Oregon.

A fir 36 ins. dia. brs. S. 41° E. 33 lbs
dist. marked T. 6 S. R. 33 E. S. 18 B.T.

A pine 30 ins. dia. brs. S. 76° W. 13 lbs.
dist. marked T. 6 S. R. 32 E. S. 13 B.T.

A fir 10 ins. dia. brs. N. 47° W. 238 lbs.
dist. marked T. 6 S. R. 32 E. S. 12 B.T.

Thence I run

N. 89° 43' E. on true line bet. secs.
7 & 18 with same Var.

36. 78 Set basalt stone 15 x 10 x 10 ins.
10 ins. in ground for 1/4 sec.
cor. marked 1/4 on N. face,
from which

A pine 30 ins. dia. brs. N. 62° W.
259 lbs. dist. marked 1/4 S. B.T.

A pine 10 ins. dia. brs. S. 20° W.
164 lbs. dist. marked 1/4 S. B.T.

76. 78 The cor. to secs. 7, 8, 17 & 18

Land gently rolling

Soil 2nd rate. - Densely covered
with forests of pine & fir 76. 78 chs.

July 6th 1883

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

North bet. secs. 7 and 8

Var. 23° E.

29.50 Descend hillside facing N. W.
Foot of hill & spring branch

3 fks. wide course N. E.

40.00 Set a basalt stone $12 \times 8 \times 6$ ins. ⁺¹⁵⁰

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

marked $\frac{1}{4}$ on N. face;

from which

A pine 30 ins. dia. br. East 18 fks.
dist. marked $\frac{1}{4}$ S. B. T.

A pine 24 ins. dia. br. S. 69° W. 23 fks.
dist. marked $\frac{1}{4}$ S. B. T.

46.00 Top of ascent - from branch -
course N. & S. E. & descend ⁺⁸⁰

80.00 Set a basalt stone $12 \times 8 \times 7$

ins. 8 ins. in ground for ⁻²⁰⁰

cor. to secs. 5, 6, 7 & 8 marked

with 5 notches on S. & E.

edges; from which

A pine 8 ins. dia. br. N. 58° E. 32

fks. dist. marked T. 6 S. R. 33 E. S. 5 B. T.

107
727

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

Fir 24 ins. dia. brs. S. 24° E. 44 lbs. dist.
marked T. 6 S. R. 33 E. S. 8 B. T.

Fir 24 ins. dia. brs. S. 30° W. 34 lbs. dist.
marked T. 6 S. R. 33 E. S. 7 B. T.

Fir 24 ins. dia. brs. N. 48° W. 56 lbs. dist.
marked T. 6 S. R. 33 E. S. 6 B. T.

Land hilly.

Soil 2nd rate.

Densely covered with forests
of pine, fir & tamarack timber
80.00 chs.

Occasional thickets of pine
undergrowth.

728
 Subdivisions of T. 6 S R. 33 E

Willamette Meridian, Oregon.

East on random line bet.
 secs. 5 and 8

Var. 20° E.

Slope facing S.E. - descending.

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

40.30 Brook 4 lks. wide runs S. ⁻²⁵⁰ -250

55.00 Top of small raise course S. ⁺¹⁰⁰ +100
 and descend.

80.16 Intersect S. & E. line 40 lks. ⁺⁷⁵ +75
 S. of cor. to secs. 4, 5, 8 & 9

Thence I run

S. $89^{\circ}43'$ W. on true line bet. secs.
 5 & 8 with same Var.

40.08 Set basalt stone $12 \times 8 \times 6$ ins.
 8 ins. in ground for $\frac{1}{4}$ sec.
 cor. marked $\frac{1}{4}$ on N. face;
 from which,

A spruce 10 ins. dia. br. S. 58° E.
 10 lks. dist. marked $\frac{1}{4}$ S. B. T.

A spruce 10 ins. dia. br. S. 38° E.
 11 lks. dist. marked $\frac{1}{4}$ S. B. T.

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

Subdivisions of T. 6 S. R. 33 E. 729

Willamette Meridian, Oregon.

Land rolling.

Soil 2nd rate.

Densely covered with forests of pine, fir, spruce and tamarack timber 80.16 chs.

730
 Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

West on random line bet.
 secs. 6 and 7

Var. 20° E

Along hillside facing N.

40.00 Set temp. $\frac{1}{4}$ sec. cor. -100

44.00 Ravine course N. -25

Thence ascend abruptly

60.00 Top of hill and enter
 level land +250

76.67 Intersect N. bdy. of Twp. 50
 lks. S. of cor. to secs. 1, 6, 7 & 12
 which is a basalt stone
 26 x 10 x 3 ins. firmly set in
 ground, marked with 1
 notch on N. & 5 notches on
 S. edges; from which
 Spine 18 ins. dia. br. N. 21° E. 103 lks.
 dist. marked T. 6 S. R. 33 E. S. 6 B. T.
 Spine 30 ins. dia. br. S. 59° E. 354 lks.
 dist. marked T. 6 S. R. 33 E. S. 7 B. T.
 Spine 30 ins. dia. br. S. 42° W. 308 lks.
 dist. marked T. 6 S. R. 32 E. S. 12 B. T.

Subdivisions of T. 6 S. R. 33 E. 731

Willamette Meridian, Oregon.

A pine 30 ins. dia. br. N. 52° W. 187 lks.
dist. marked T. 6 S. R. 32 E. S. 1 B. T.

Thence I run

S. 89° 39' E. on true line bet. secs.
6 and 7 with same Var.

36.67 Set a pine post 3 ft. long 3 ins.
square 2 1/4 ins. in ground for
1/4 sec. cor. marked 1/4 S. on N.
face, from which

A pine 6 ins. dia. br. N. 14° W. 14
lks. dist. marked 1/4 S. B. T.

A pine 8 ins. dia. br. S. 60° E. 18
lks. dist. marked 1/4 S. B. T.

76.67 The cor. to secs. 5, 6, 7 & 8
Land rolling, sloping to N.
Soil 2nd rate.

Densely covered with forests
of pine & fir timber 76.67 chs.
Thick undergrowth of pine
& fir on E. 1/2 mile.

732

Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

North bet. secs. 5 and 6
Var. 20° E.

Descending gently

40.00

Set a fir post 3 ft. long - 150
3 ins. square 24 ins. in
ground for 1/4 sec. cor. marked
1/4 S. on W. face;

from which

A fir 18 ins. dia. brs. S. 48° E. 8 lks.
dist. marked 1/4 S. B.T.

A fir 18 ins. dia. brs. N. 78° W. 6 lks.
dist. marked 1/4 S. B.T.

74.49

Intersect the 1st Standard
Parallel S. at a point 81 lks.
E. of cor. to Tps. 5 S. Rgs 32 & 33
E. - at which point I set
a pine post 4 ft. long 4 ins.
square 24 ins. in ground
for closing cor. to secs. 5 & 6 -
marked C. C. T. 6 S. R. 33 E. on S.

S. 5 " E.
S. 6 " W.

Subdivisions of T. 6 S. R. 33 E. 33

Willamette Meridian, Oregon.

faces, with 5 notches on E.
and 1 notch on N. edges;
from which

A pine 20 ins. dia. br. S. 74° N. 138 lbs
dist. marked T. 6 S. R. 33 E. S. 6 B. T.

A pine 10 ins. dia. br. S. 14° E. 198 lbs.
dist. marked T. 6 S. R. 33 E. S. 5 B. T.

Land gently sloping N.
Soil 2nd rate.

Densely covered with forests of
pine fir & spruce timber 74.49 chs.
Thick undergrowth of alder,
pine & fir 74.49 chs.

July 7th 1883

734 Subdivisions of T. 6 S. R. 33 E.

Willamette Meridian, Oregon.

General Description.

This township contains a vast amount of excellent timber, and some good meadow and agricultural lands along the streams.

There is one settler in the S.W. $\frac{1}{4}$ of sec. 12.

FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by F. W. Campbell, 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 T. 6 S. R. 33 E. Willamette Meridian, Oregon, showing the respective capacities in which they acted:

- John S. Guttridge, Compassman.
- John S. Guttridge, Chainman.
- Frank Ellis, Chainman.
- Frank Ellis, Chainman.
- Cory N. Matlock, Chainman.
- Cory N. Matlock, Axeman.
- Cory N. Matlock, Axeman.
- Cory N. Matlock, Flagman.

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted F. W. Campbell, U. S. Deputy Surveyor, in surveying all those parts or portions of the Subdivisional lines of T. 6 S. R. 33 E. 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.

- John S. Guttridge, Compassman.
- John S. Guttridge, Chainman.
- Frank Ellis, Chainman.
- Frank Ellis, Chainman.
- Cory N. Matlock, Chainman.
- Cory N. Matlock, Axeman.
- Cory N. Matlock, Axeman.
- Cory N. Matlock, Flagman.

Subscribed and sworn to before me, this Twenty fifth day of August 1883

[SEAL] Frank W. Campbell
U. S. Deputy Surveyor

FINAL OATH OF DEPUTY SURVEYOR.

I, Frank W. Campbell

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

12th

day of

April

, 1883, 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 T. 6 S. R. 33 E

Willamette Meridian, in the State of Oregon, as are represented in the

foregoing Field Notes as having been surveyed by me and under my di-

rections; and I do further solemnly swear that all the corners of said sur-

vey 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 de-

scribed 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.

Frank W. Campbell

U. S. Deputy Surveyor.

Subscribed and sworn to before me, this

18th

day of

October

1883

H. F. Burleigh

Notary Public for

Union County Oregon.

738.

OFFICE U. S. SURVEYOR GENERAL,

Portland, Oregon, *Jan'y 7,* 1884

The following Field Notes of the Survey of the

Subdivisions of T. 6 S.

R. 33 E. Will. Mer.

Oregon.

executed by

F. W. Campbell

under his Contract No. 468, dated

April

12th

1883, 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.