

FIELD NOTES

Of the survey of the Subdivision lines
 of Township 4 South, Range 31 East

Willamette Meridian, Oregon,

Executed by

George S. Pershan

U. S. Deputy Surveyor, under his contract

No. 373, dated Sept - 17 1880

List of the names of the persons employed to assist in running, measuring and marking the lines of the foregoing survey :

William Graden Chainman.

Olin W. Hosford Chainman.

----- Chainman.

Francis S. Pitterger Axeman.

----- Axeman.

----- Flagman.

PRELIMINARY OATHS OF ASSISTANTS:

We, William Gradon and
Olin W. Horsford

do solemnly swear that we will faithfully execute the duties of Chain Carriers, that we will level the chain upon uneven ground, and plumb the tally pins, whether 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 assist in measuring, to the best of our skill and ability.

William Gradon Chainman.
Olin W. Horsford Chainman.
----- Chainman.

Subscribed and sworn to before me, this

day of 27 September 1880

Warren Clark

Justice of the Peace

Frank S. Pittenger and

do solemnly swear that I will well and truly perform the duties for which I have been severally employed according to instructions, and to the best of my skill and ability.

Frank S. Pittenger Axeman.

----- Axeman.

Subscribed and sworn to before me, this

day of 1st October 1880

George S. Perskin
& W. S. Dep. Secy

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Referring the Lines to the pages of the Field Notes.

Town. *No 4 South* Range *31 East* Will. Mer.

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361.
Subdivisions of Township No. 4 South Range 31 East
Willamette Meridian, Oregon.

North between Sec. 35 and 36

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

300 Lemmon's house br. West 75 lbs

17.50 Wagon road Co. N. W. & S. E

36.00 " " " " N. E & S. W

40.00 Set basalt Stone $15 \times 12 \times 8$ on
South Slope in Mound of Stone
for $\frac{1}{4}$ Sec. cor.

80.00 Set basalt Stone $20 \times 10 \times 8$ on slight
north slope, and post in mound
of Stone for. cor. to Sec 25,
26, 35 & 36.

Land: Surface undulating;
Soil 3rd 2nd & 1st rate; good grass.
Some good farming land
on S. $\frac{1}{2}$ mile. A few scat-
tering Pine & Fir trees

Subdivisions of Township No. 4 South Range 37 East

Willamette Meridian, Oregon.

East on a random line between
Sec. 25 and 36

wa. 20° East

40.00 Set post for temporary 1/4 sec. cor.

79.88 Intersected E. Boundary 16 lks south
of cor. to sec. 25 & 36 from which cor. I run
S. 89° 53' West on a true line between sec. 25 & 36

wa 20° 00' East

39.94 Set pine post on level for
1/4 sec. cor.

A Pine 12 in. di. lks N. 58° E 18 lks. dist.

" " 10 " " " S 12° W. 49 " "

79.88 The cor. to sec. 25. 26. 35 & 36

Land: Surface undulating;
Soil 2nd & 3rd Rate; Some Pine
timber; good grass; land
well adapted to farming

Subdivisions of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

North between Sec. 25 & 26

wa. $20^{\circ} 00'$ East

4000 Set basalt stone $16 \times 12 \times 5$ on
slight N.W. slope for $\frac{1}{4}$ Sec. cor.

8000 Set Pine post on level for
corner to Sec. 23, 24, 25

& 26

A Pine 4 in. di. br. N. 67° E. 10 lks dist

" " 24 " " " S. 28° E. 76 " "

" " 20 " " " S. 27° N. 78 " "

" " 18 " " " N. 85° N. 65 " "

Land: Surface undulating;

Soil 2nd & 1st rate; Scattering

Pine timber; good grass;

larger part good farming
land

Subdivisions of Township No. 4 South Range 36 East
Willamette Meridian, Oregon.

East on a random line
between Sec. 24 & 25

wa. 19° 45' East

40.00 Set Post for temporary 1/4 Sec. cor.
80.12 Intersected East Boundary 14 chs
North of cor to Sec. 24 & 25

from which cor. I run
N. 89° 54' West on a true line be-
tween Sec. 24 & 25

wa. 19° 45' East

40.06 Set set basalt stone 20 x 12 x 10

in sag for 1/4 Sec. cor.
A Pine 8 in dia. br. N. 6° E. 140 chs. dist,

43.00 Wagon road cor. N. 6° E. W.

80.12 The cor. to Sec. 23, 24, 25 and 26

Land: Surface undulating;
Soil 2nd & 1st rate: Some scattering
groves of Pine timber; excellent
grass; good farming
land; nearly all of Sec. 25 is
good farming land

Oct 21st 1880

5 365

Subdivisions of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

North between Sec. 23 & 24

ba. $19^{\circ} 45'$ East

25,00 foot of knoll S.E. & N.W.

40,00 Set basalt Stone $20 \times 12 \times 4$ in Mound⁺¹⁰⁰
of stone, on South face of knoll
for $\frac{1}{4}$ Sec. cor.

50,00 Foot of knoll N.E. & S.W.

65,50 Metteer's house br. west 60 lbs

80,00 Set balm post on level for. -130
cor. to Sec. 13, 14, 23 & 24

A Pine 28 in. di. br. N. $40^{\circ} E$ 38 lbs, dist,

" Balm 6 " " " S. $46^{\circ} E$ 56 " "

" " 6 " " " S. $22^{\circ} N$ 42 " "

" Pine 20 " " " N. $63^{\circ} N$ 100 " "

Land: Surface level except knoll;

Soil 1st & 2nd rate; Scattering

Pine timber; good grass.

Excellent farming land

Subdivisions of Township No. 4 South Range 36 East
Willamette Meridian, Oregon.

East on a random line between Sec. 13 & 24

Pa. 20° 30' East

40.00 Set post for temporary 1/4 Sec. cor.

80.36 Intersected E. Boundary 26 lbs North
of cor. to Sec. 13 and 24 from
which cor. B run

N. 89° 49' West on a true line between Sec. 13 & 24

Pa. 19° 45' East

28.50 Wagon road co. A. & S.

31.00 John H. Clifford's house br. S. 300 lbs

40.18 Set basalt Stone 18x8x7 on slight
west slope for 1/4 Sec. cor.

A Pine 20 in. di. br. N. 37° E. 20 lbs. dist.

" " 34 " " " S. 62° E. 27 " "

80.36 The cor. to Sec. 13, 14, 23 & 24. — 50

Land: Surface nearly level. Slopes
slightly west; Soil 1st rate;

heavy timber most of the way &
some dense underbrush; Pine, Tam-
arack & Fir; occasional open glades
excellent farming land

Subdivisions of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

North between Sec. 13 & 14

wa. 20° 30' East

8.00 Sample's house br. East about 5 chs

35.00 Spring branch Co. west

40.00 Set basalt Stone 14 x 10 x 8 on slight west slope for 1/4 sec. cor. no trees

80.00 Set basalt Stone 18 x 10 x 10 in mound of stone on slight S.W. slope for cor. to Sec. 11, 12, 13 & 14 +40

A Pine 6 in. di. br. S. 61° W. 54 lks. dist.

" " 12 " " " N. 40° W. 210 " "

no other trees

Land: Surface undulating; Soil 1st rate; some scattering Pine Tamarack & Fir timber; good grass. excellent farming land

Subdivisions of Township No. 4 South Range 31 East
Willamette Meridian, Oregon.

East on a random line between Sec. 12 & 13

wa. 22° 00' East

4000 set post for temporary 1/4 Sec. cor.
80.50 Intersected E. Boundary 42 lbs North of
cor. to Sec. 12 & 13 from which cor. I run
N. 89° 42' West on a true line between Sec. 12 & 13

wa. 20° 00' East

14.00 Aravine Co from N. to South -100
15.00 Wagon Road Co N. & S.
26.00 An spur extends South + 80
40.25 Set basalt stone 16 x 10 x 7 on S.W.
slope for 1/4 Sec. cor. in corner
of stone

Peck's house brs. S. 28° W.

55.00 " " " S. 31° E

80.50 The cor. to Sec. 11, 12, 13 & 14 - 80

Land: Surface rolling; Soil
3" & 2" rate; Scattering Pine
Tamarack & Fir timber

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Subdivisions of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

North between Sec. 11 & 12

Pa. 22° East

3.00 begin ascent of Mountains proper,
4000 set basalt 16 x 8 x 7 on flat for
1/4 sec. cor.

A Pine 12 in. di. brs. S. 43° E. 111 lbs. dist.

" " 10 " " " N. 76° W. 180 " "

63.50 A Spring branch co. S.W.

8000 set basalt stone, ^{17 x 12 x 8} in small open flat ⁺³⁰⁰
in mound of stone for cor.

to Sec. 1, 2, 11 & 12

A Pine 10 in. di. brs. N. 38° E. 125 lbs. dist.

" " 22 " " " S. 77° E. 115 " "

" " 34 " " " N. 21° W. 164 " "

No tree S.W.

Land: Surface mountainous; soil
3rd & 2nd rate; Pine, Tamarack,
and Fir timber with open glades;
good bunch grass. a small
part of the land can be farmed

Subdivisions of Township No. 4 South Range 31 East -
Willamette Meridian, Oregon.

East on a random line between
Sec. 1 & 12

Pa. 21° 00' East

40.00 set post for temporary 1/4 sec. cor.

St. 26 Intersected E. Boundary 20 lbs. north
of cor. to Sec. 1 & 12 from which cor. I run
N. 89° 51' West on a true line between Sec. 1 & 12

Pa. 21° 00' East

13.00 Wagon road co. N. E. & S. W.

27.00 A ravine opens S. W.

40.13 Set basalt stone 14 x 10 x 7 on

S. W. Slope for 1/4 sec. cor.

A Pine 18 in. di. lbs. N. 68° W. 77 lbs. dist.

" " 22 " " " S. 63° E 48 " "

St. 26 The cor to Sec. 1, 2, 11 & 12

Land: Surface Mountainous;

Soil 3rd & 2nd rate: Mostly

heavy Pine Tamarack & Fir

timber with open glades;

good bunch grass in open

timber

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 Subdivisions of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

North on a random line between Sec. 1 & 2

Pa. $21^{\circ} 00'$ East

4000 Set post for temporary $\frac{1}{4}$ Sec. cor.

65.68 Intersected N. Boundary 12 lks.

west of cor. to Sec. 1 & 2 from

which cor. I run

$S. 00^{\circ} 06'$ West on a true line between

Sec. 1 & 2

Pa. $20^{\circ} 00'$ East

25.68 Set basalt stone $18 \times 8 \times 7$ in

South slope for $\frac{1}{4}$ Sec. cor.

A Pine 22 in. di. br. $S. 68^{\circ} E$ 70 lks. dist.

" " 28 " " " $S. 74^{\circ} N. 104$ " "

65.68 The cor. to Sec. 1, 2, 11 & 12 - 400

Land: Surface Mountainous;

Soil $3' \& 2''$ rate. heavy Pine

Tamarack & Fir timber

with open glades; some grass

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31 East

Subdivisions of Township No. 4 South Range
Willamette Meridian, Oregon.

North between Sec. 34 & 35
ra. $19^{\circ} 30'$ East

4000 Set basalt stone $18 \times 10 \times 7$ in
mound of stone on south
slope for $\frac{1}{4}$ sec. cor.

7850 Snipe creek 12 lbs wide co. East

8000 Set basalt stone $20 \times 10 \times 7$ in
mound of stone on slight
south slope for cor. to
Sec. 26, 27, 34 and 35

A Pine 11 in di. ls. S. 42° W. 106 lbs. dist.

" " 16 " " " N. 88° W. 75 "

No other trees near

Land: Surface undulating;
soil 3rd & 2nd rate; some
scattering Pine timber
good grass.

October 22nd 1880

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Subdivisions of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

East on a random line
between Sec. 26 & 35

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

4000 Set post for temporary $\frac{1}{4}$ Sec. cor.

80.04 Intersected N. & S. line 28 lks north
of cor. to Sec. 25, 26, 35 & 36 from
which cor. I run

N. $89^{\circ} 48'$ West on a true line

between Sec 26 & 35

va. $20^{\circ} 00'$ East

4002 Set basalt stone $17 \times 8 \times 7$ on
slight N. slope, in mound
of stone for $\frac{1}{4}$ Sec. cor.

73.00 Snipe creek 15 lks. W South

77.00 " " " " " N. E

80.00 The cor. to Sec. 26, 27, 34 & 35

Land: Surface undulating;

Soil 3rd & 2nd rate; Some scat-
tering Pine timber.

Nearly $\frac{1}{2}$ of Sec. 35 is good
farming land

Subdivisions of Township No. 4 South Range 31 East
Willamette Meridian, Oregon.

North between Sec. 26 & 27

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

4000 Set basalt stone $14 \times 12 \times 5$ on
level for $\frac{1}{4}$ Sec. cor.

A Pine 7 in. di. brs. N. $63^{\circ} E$ 230 lbs. dist.

" " 12 " " " N. $87^{\circ} W$. 235 " "

8000 Set pine post on level for
cor. to Sec. 22, 23, 26 & 27

A Pine 8 in. di. brs. N. $30^{\circ} E$ 63 lbs. dist.

" " 18 " " " S. $28^{\circ} E$ 86 " "

" " 49 " " " S. $15^{\circ} W$. 100 " "

" " 7 " " " N. $17^{\circ} W$. 45 " "

Land: Surface undulating
Soil 2nd & 3rd rate; Scattering
Pine & Fir timber; good
crop. well adapted to
farming

Subdivisions of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

East on a random line between
Sec. 23 & 26

ba. $20^{\circ} 15'$ East

40.00 Set post for temporary $\frac{1}{4}$ Sec cor.

79.46 Intersected N. & S. line 35 lks North
of cor to Sec. 23, 24, 25 and 26 from
which cor. I run

N. $89^{\circ} 45'$ West on a true line between
Sec. 23 & 26

ba. $19^{\circ} 45'$ East — on level

39.73 a Pine 28 in. di. for $\frac{1}{4}$ Sec cor.

A Pine 10 in. di. dir. N. 8° W. 29 lks. dist.

" " 8 " " " S. 40° W. 42 " "

79.46 The cor. to Sec. 22, 23, 26 & 27

Land: Surface undulating;

Soil 2nd & 3rd rate; Scattering

Pine & Tamarack timber.

good grass; good farming
land

Subdivisions of Township No. 4 South Range 376 East

Willamette Meridian, Oregon.

North between Sec. 22 & 23

Pa. 20° 15' East

4000 Set basalt Stone 20 x 10 x 8 on

North Slope for 1/4 Sec. cor.

A Pine 6 in. di. brs. S. 83° E 46 lks. dist

" " 12 " " br 46° W. 52 " "

43,00 Gibbons House brs. West about 250 lks

8000 Set post dug pits and raised

Mound of earth for cor to Sec⁻²⁵

14, 15, 22 & 23 on level

no trees

Land: Surface nearly level;

Soil 1st & 2nd rate; Some

scattering Pine timber or S. 1/2 mile

good grass; Excellent

farming land

17 377
Subdivisions of Township No. 4 South Range 31 East
Willamette Meridian, Oregon.

Cast on a random line between Sec. 14 & 23

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

4000 Set post for temporary $\frac{1}{4}$ Sec. cor.

79.44 Intersected N. & S. line 20 lbs. North

of cor. to Sec. 13, 14, 23, & 24 from

which cor. I run

N. $89^{\circ} 51'$ West on a true line

between Sec. 14 & 23

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

39.72 Set Pine post on level for $\frac{1}{4}$

Sec. cor.

A Pine 44 in. di. brs. N. 4° W. 70 lbs. dist.

" " 8 " " " S. 62° W. 28 " "

79.44 The cor. to Sec. 14, 15, 22 & 23

Land: Surface nearly level;

Soil 1st rate; Scattering Pine

timber on $\frac{6}{8}$ mile good

grass good natural meadow

About $\frac{1}{2}$ of N. & E. $\frac{1}{4}$ is fenced

& in cultivation

Subdivisions of Township No. 4 South Range 37 East

Willamette Meridian, Oregon.

North between Sec. 14 & 15'

ba. 20° 30' East

Fort br. N. 30° E

J. Skelton's house br. N. 25° E

5,500 house & Fort br. East

4,000 Set Tamarack post, dug pits and raised Mound of earth on level for 1/4 Sec. cor.

8,000 Set Tamarack post in Mound of stone on slight west slope for cor. to Sec. 10, 11, 14 & 15

A Pine 48 in. di, br. N. 35° E 208 lbs. dist.

" " 12 " " " S. 57° E 196 " "

no other trees

Land: Surface nearly level; soil 1st rate good gras. excellent farming land

19 379
 Subdivisions of Township No. 4 South Range 31 East
 Willamette Meridian, Oregon.

East on a random line between Sec 11 & 14.

wa; 21° 00' East

4000 Set Post for temporary 1/4 Sec. cor.

79.44 Intersected N. & S. line 34 lks North
 of cor. To Sec. 11, 12, 13 & 14 from
 which cor. I run

N. 89° 46' West on a true line

between Sec. 11 & 14

wa. 22° 00' East

1500 J. M. Downs' house lks South

1900 Fence & Field co N. W. & S. E

2000 J. M. Downs' house lks S. 35° E

34.00 Lease field fence co. N. & S

39.72 Set basalt Stone 17 x 12 x 10 on
 level for 1/4 Sec. cor.

Pine 48 in. di. lks. N. 56° W. 206 lks. dis.
 no other trees

58.00 Geo. Skelton's house lks South 350 lks

79.44 The cor. to Sec. 10, 11, 14 & 15 - 40

Land: Surface undulating; soil
 1st & 2nd rate; good grass;
 some scattering pine timber
 excellent farming land
 October 23rd 1880

North between Sec. 10 & 11
W. 21° 00' East

4000 Set basalt stone 18 x 12 x 4
on level in mound of stone
for 1/4 Sec. cor. no trees

Mr. Bristow's house br. N. 36° E

5500 " " " " East

7500 begin ascent of Mountain
ridge proper

8000 Set basalt stone 16 x 12 x 4 +50
on south face of ridge for
cor. to Sec. 2, 3, 10 & 11

A Pine 22 in. di. br. N. 88° E. 73 lbs. dist.

" " 12 " S. 71° W. 210 " "

" " 12 " N. 73° W. 170 " "

No other trees

Land: surface nearly level;
soil 1" & 2" rate; some scattering
Pine timber on N. 1/2 mile
good grass; excellent
farming land.

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Subdivisions of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

East on a random line between Sec. 2 & 11

ba; 20° 00' East

4000 Set post for temporary 1/4 sec. cor.

79.70 Intersected N. & S. line 46 lks. north
of cor. to Sec. 1, 2, 11 & 12 from
which cor. I run

N. 89° 40' West on a true line
between Sec. 2 & 11

ba. 21° 00' East

39.85 Set basalt stone 16 x 10 x 7 on
west slope for 1/4 sec. cor

A Pine 18 in di, brs. N. 64° W 102 lks. dis

" " 28 " " " S. 27° E 59 " "

79.70 The cor. to Sec. 2, 3, 10 & 11 - 200

Land: Surface Mountainous;

Soil 3rd & 2nd rate; Pine, Fir,

& Tamarack timber heavy in

ravines & scattering on

higher surface; good

brush grass; Some

little farming land

Subdivisions of Township No. 4 South Range ³⁹ East

Willamette Meridian, Oregon.

North on a random line between sec. 2 & 3

Pa. $20^{\circ} 00'$ East4000 Set post for temporary $\frac{1}{4}$ sec. cor.6530 Intersected N. Boundary 16 lks East
of cor to sec. 2 & 3 from which cor.I run
S. $00^{\circ} 08'$ East on a true line
between Sec. 2 & 3Pa. $18^{\circ} 45'$ East2530 Set basalt stone $24 \times 10 \times 8$ onSag on S.W. Slope of
Mountain for $\frac{1}{4}$ sec. cor.A Pine 22 in. di. brs. S. 23° E. 132 lks. dis." " 20 " " " S. 37° W. 171 " "

6530 The cor. to sec. 2, 3, 10 & 11. - 600

Land: Surface Mountainous;

Soil 3^{rd} , 2^{nd} & 1^{st} rate; Pine, Dam-

arack & Fir timber heavy in

places but mostly scattering;

good grass some good farming land

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383,

Subdivisions of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

North between Sec. 33 & 34

Pa. $20^{\circ} 45'$ East -

4,000 Set basalt Stone $17 \times 8 \times 6$ in
Mound of Stone on South
Slope for $\frac{1}{4}$ Sec. cor.

8,000 Set basalt Stone $15 \times 12 \times 10$ + 80
and post in Mound of Stone
on slight South slope
for cor. to Sec. 27, 28,
33 & 34 (no trees)

Land: Surface undulating
& sloping South; soil
 3^{rd} & 2^{nd} rate; good grass
some good farming
land.

Subdivisions of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

East on a random line between Sec. 27 & 34

ca. $21^{\circ} 00'$ East -

4000 Set post for temporary $\frac{1}{4}$ sec. cor.

8002 Intersected N.F.S. line 18 lks. north
of cor. to Sec. 26, 27, 34 & 35

from which cor. I run
 $N. 89^{\circ} 52'$ West on a true line
between Sec. 27 & 34

ca. $21^{\circ} 30'$ East -

180 Snipe creek .15 lks wide ca South

4001 Set basalt stone $14 \times 12 \times 10$ on
slight South slope for
 $\frac{1}{4}$ sec. cor.

8002 The cor. to Sec. 27, 28, 33 & 34

Land: Surface undulating;
Soil 2nd & 3rd rate; some
scattering Pine timber on
 $\frac{1}{2}$ mile; some good
farming land;

25 385

Subdivisions of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

North between Sec. 27 & 28

wa. $21^{\circ} 00'$ East

40,00 Set basalt Stone $16 \times 14 \times 5$ on
South Slope, in mound of
Stone for $\frac{1}{4}$ Sec. cor.

74,50 Snipe creek. 20 lks wide co. S.E.

80,00 Set basalt Stone $18 \times 12 \times 10$ in
mound of stone on S.W.
Slope for cor. to Sec. 21, 22,
27 & 28

A Pine 10 in. di. brs. S. 64° W. 244 lks. dist.
(no other trees)

Land: Surface undulating;
Soil 3rd & 2nd rate; Some
Scattering pine timber along
creek; good grass.
Some good farming
land

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386

Subdivisions of Township No. 4 South Range 31 East
Willamette Meridian, Oregon.

East on a random line between Sec. 22 & 27

Dev. $20^{\circ} 50'$ East -

4000 Set post for temporary $\frac{1}{4}$ Sec. cor.
8016 Intersected N. & S. line 62 lks North
of cor. to Sec. 22, 23, 26 & 27 from
which cor. I run

N. $89^{\circ} 33'$ West on a true line
between Sec. 22 & 27

Dev. $20^{\circ} 15'$ East -

4008 Set basalt stone $17 \times 10 \times 8$ in
mound of stone on level
for $\frac{1}{4}$ Sec. cor.

A Pine 12 in. di. brs. N. 57° W. 104 lks dist.
8016 The cor to Sec. 21, 22, 27 & 28,

Land: Surface undulating;
Soil 3rd & 2nd rate; some scat-
tering Pine timber but
mostly open; good grass
Sec. 27 has a large part
good farming land

27

387
 Subdivisions of Township No. 4 South Range 31 East
 Willamette Meridian, Oregon.

North between Sec. 21 & 22

wa. $20^{\circ} 50'$ East

7.50 Snipe creek 20 lbs wide co. S.W.

40.00 Set basalt stone $20 \times 8 \times 8$ on

level for $\frac{1}{4}$ Sec. cor.

80.00 Set Tamarack post 4 in.

square & 4 ft. long, dug

pits and raised mound

on level for cor to Sec.

15, 16, 20 & 21

Land: Surface nearly level;
 Soil 1st rate small part 2^d rate
 on $\frac{3}{4}$ mile good grass,
 excellent farming land

Subdivisions of Township No. 4 South Range 31 East
Willamette Meridian, Oregon.

Cast on a random line between sec. 15 & 22

va. $21^{\circ} 00'$ East

4000 Set post for temporary $\frac{1}{4}$ sec. cor.

79.95 Intersected N. & S. line 12 lks. North
of cor. To sec. 14, 15, 22 & 23 from
which cor. I run

N. $89^{\circ} 55'$ West on a true line
between sec. 15 & 22

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

39.97 Set Tamarack post dug
pits & raised mound for
 $\frac{1}{4}$ sec. cor.

43.50 Snipe creek 15 lks wide co South

79.95 The cor to sec. 15, 16, 21 & 22

Land: Surface nearly level;
Soil. 1st rate; good grass;
excellent farming
land; Sec. 22 is nearly
all good farming land

October 25' 1880

29

389

Subdivision of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

North between Sec. 15 & 16

Pa. 21° 00' East

4000 Set Tamarack post dug pits & raised mound of earth for 1/4 sec cor on level

Peter Jorgensen's house br, N. 25°^W

5500 " " " " west

8000 Set Tamarack post 4 in square 4 ft long, dug pits and raised mound of earth on level for cor. to Sec. 9, 10, 15 & 16

Land: surface slightly undulating; soil 1st rate; good crop: excellent farming land

Subdivisions of Township No. 4 South Range 31 East
Willamette Meridian, Oregon.

East on a random line between sec. 10 & 15

wa. $19^{\circ}45'$ East —

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

79.66 Intersected N. & S. line 11 lks

North of cor to sec. 10, 11, 14 & 15

from which cor I run

N. $89^{\circ}55'$ West on a true line

between sec. 10 & 15

wa. $21^{\circ}00'$ East —

28.00

Snipe creek, 15 lks w. & s. south

36.00

Collins's house br. South

39.83 Set Post and dug pits and

raised mound of earth

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

Collins's house br. S 31° E

79.66 The cor. to sec. 9, 10, 15 & 16

Land; Surface slightly

undulating; Soil 1st rate;

good crop; excellent —

farming land;

Sec. 15 is all 1st rate soil

and well adapted to

farming

31391

Subdivision of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

North between Sec 9 & 10

wa. $19^{\circ} 45'$ East

Mr. Fix's house brs. N. 35 W.

1000 " Fix's " " West

4000 Set Tamarack Post, dug pits and raised mound

of earth for $\frac{1}{4}$ sec. cor

+ 5250 Fence & field co N. E & S. W.

7100 Enter Timber co E & W.

8000 Set Basalt Stone $16 \times 12 \times 5$ on level for cor. to Sec.

3, 4, 9 & 10

a Pine 15 in. di. brs. N. 60° E 41 lbs. dist

" " 14 " " " S. 58° W. 20 " "

" " 10 " " " N. 18° W. 61 " "

(no other trees)

Land:

Surface level; Soil 1st rate; excellent grass; Scattering Pine timber on N. 9 chs. good farming land

Subdivisions of Township No. 4 South Range 31 East
Willamette Meridian, Oregon.

East on a random line between sec. 3 & 10
Va 19° 45' East

4000 set post for temporary 1/4 sec cor
8000 Intersected N. & S. line 42 lks.

North of cor to sec. 2, 3, 10 & 11
from which cor. I run
N. 89° 42' West on a true line between
Sec. 3 & 10

Va. 20° 00' East

4000 cannot set permanent cor as ⁻⁵⁰
it comes in bed of ravine

I therefore offset west 40 lks &
set Basalt Stone 16 x 12 x 6 on

N.W. side of ravine for 1/4 sec. cor.

A Pine 14 in. di. brs. N. 34° W. 47 lks. dist.

" " 12 " " " S. 17° W. 58 " "

53.00 Fence & Field co N. & S.

66.00 Snipe creek 16 lks wide co South

78.00 Howard's house brs. N. 50 lks

80.00 The cor to sec. 3, 4, 9 & 10.

Land surface undulating soil
1st & 2nd rate; Pine timber on E 1/2 mile
good grass; sec. 10 is nearly all
excellent farming land

33

393

Subdivisions of Township No. 4 South Range 31 East
Willamette Meridian, Oregon.

North on a random line between sec. 3 & 4
ba. $19^{\circ} 45'$ East

4000 set post for temporary $\frac{1}{4}$ sec. cor.
6500 Intersected N. Boundary 37 lbs.
West of cor. to sec. 3 & 4 from
which cor I run
 $500^{\circ} 16'$ West on a true line
between sec. 3 & 4

ba. $20^{\circ} 00'$ East

2000 foot of steep descent — — 200

2500 Set basalt stone $14 \times 12 \times 7$

on South slope for $\frac{1}{4}$ sec. cor.

A Pine 34 in. di. br. East 24 lbs. dist.

" " 40 " " " N. 43 W. 88 " "

4400 fence & Field co E & W.

5800 Snipe creek 10 lbs wide co East

6500 The cor to sec. 3, 4, 9 & 10 — 60

Land: surface N. 20 chs

mountainous S. 45 chs

undulating; Soil 1st & 2nd

rate: Some Pine timber

About $\frac{1}{3}$ of sec. 3 is good farming

land Oct. 26th 1880

Subdivisions of Township No. 4 South Range 31 East
Willamette Meridian, Oregon.

North between Sec. 32 & 33

wa. 20° 00' East

34.00 Center heavy timber

40.00 Set basalt stone 17x13x5 on

N. E. Slope for 1/4 Sec. cor.

A Fir 8 in. di. br. N. 18° E 47 lbs. dist.

" " 8 " " " N. 80° W. 28 " "

62.50 Leave timber w. C & W.

80.00 Set basalt stone 26x18x10 &

post in mound of stone on

slight south slope for cor.

to Sec. 28, 29, 32 & 33

Land; Surface undulating &
rolling; Soil 2nd & 3rd rates;
Some Pine Tamarack & Fir
timber; good grass;
Large part good farming
land

35

395

Subdivision of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

East on a random line between sec. 28 & 33

ba. $21^{\circ} 00'$ East40.00 Set post for temporary $\frac{1}{4}$ sec. cor

80.08 Intersected N. & S. line 44 lks

South of cor to sec. 27, 28, 33 &

34 from which cor. I run

S. $89^{\circ} 41'$ West on a true line

between sec. 28 & 33

ba. $21^{\circ} 00'$ East40.04 Set basalt stone $16 \times 12 \times 10$ in

mound of stone on South

Slope for $\frac{1}{4}$ sec. cor.

80.08 The cor. to sec. 28, 29, 32 & 33 + 100

Land: Surface undulating

& sloping S.E. Soil 3rd

rate: good grass;

Mostly adapted to grazing

Some good farming land

Subdivisions of Township No. 4 South Range 31 East
Willamette Meridian, Oregon.

North between Sec. 28 & 29
Pa. $21^{\circ} 00'$ East

4000 set basalt stone $17 \times 10 \times 10$ in
Mound of stone on East slope
for $\frac{1}{4}$ Sec. cor.

8000 set basalt stone $20 \times 10 \times 8$ in
Sag, in point of timber: slight
N.E. slope for cor. to Sec. 20, 21, 28 & 29

A Pine 12 in. d. br. N. $86^{\circ} E$ 30 lks. dist.

" " 14 " " " S. $46^{\circ} E$ 84 " "

" " 11 " " " S $34^{\circ} N$. 172 " "

" " 10 " " " N. $66^{\circ} N$. 84 " "

Land: surface undulating,
soil 3rd & 2nd rate: excellent
grass: some Pine timber;
small part farming land

37

Subdivisions of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

East on a random line between Sec. 21 & 28

ba. $20^{\circ} 50'$ East

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

79.96 Intersected N. & S line 52 lks

South of cor. to Sec. 21, 22, 27 & 28

from which cor. I run

S. $89^{\circ} 38'$ West on a true line

between Sec. 21 & 28

ba. $20^{\circ} 50'$ East

6.00 Snipe creek 20 lks wide co South.

39.98 Set basalt stone $18 \times 12 \times 12$ on

east slope of in mound of
stone for $\frac{1}{4}$ sec. cor.

79.96 The cor. to Sec. 20, 21, 28 & 29

Land: Surface undulating;

soil 2nd & 3rd rate. good

grap. Some good farming
land in Sec. 28

Subdivisions of Township No. 4 South Range 31 East
Willamette Meridian, Oregon.

North between Sec. 20 & 21

Pa: $20^{\circ} 50'$ East

4000 Set basalt stone $18 \times 8 \times 8$ on
N. E. Slope in mound of stone
for $\frac{1}{4}$ Sec. cor.

8000 Set basalt stone & post in
mound of stone on East
Slope for cor to Sec. 16, 17,
20 & 21

Land: Surface undulating;
soil 3rd & 2nd rate; some
scattering Pine timber;
good bunch grass

Subdivisions of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

North between Sec 16 & 17
Va. 21° 00' East

4000 Set Basalt Stone 20x16x7 in
mound of stone on east slope
for 1/4 sec. cor.

8000 Set basalt Stone 18x12x4
on level in sag for cor. to
Sec. 8, 9, 16 & 17

- A Fir 16 in. dia, brs. N. 41° E. 60 lbs, dist.
- * Tamarack 11 " " " S. 28° E 52 " "
- " Pine 8 " " " S. 40° W. 50 " "
- " Fir 10 " " " N. 36° W 42 " "

Land: Surface undulating;
Soil 3rd & 2nd rate; Some scattering
Pine, Tamarack & Fir timber;
good grass; Some
good farming land

Subdivisions of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

North between Sec 16 & 17

ba. 21° 00' East

4000 Set Basalt Stone 20x16x7 in
mound of stone on east slope
for 1/4 sec. cor.

8000 Set basalt Stone 18x12x4
on level in sag for cor. to
Sec. 8, 9, 16 & 17

A Fir 16 in. dia. br. N. 41° E. 60 lbs. dist.

✓ " Tamarack 11 " " " S. 28° E 52 " "

" Pine 8 " " " S. 40° W. 50 " "

" Fir 10 " " " N. 36° W 42 " "

Land: surface undulating;
Soil 3rd & 2nd rate; some scattering
Pine, Tamarack & Fir timber;
good grass; some
good farming land

41 401

Subdivision of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

East on a random line between Sec. 9 & 16

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

4000 Set post for temporary $\frac{1}{4}$ Sec. cor.

80.32 Intersected N. & S. line at cor.

to Sec. 9, 10, 15 & 16 from

which cor. I run
West on a true line

between Sec. 9 & 16

wa. $19^{\circ} 45'$ East

40.16 Set basalt stone $14 \times 12 \times 10$ in

mound of stone on N. E

slope for $\frac{1}{4}$ Sec. cor.

A Pine 38 in. di. br. N. 14° W. 286 lbs dist

(no other tree)

64.00 Enter timber co N. E & S. W.

80.32 The cor. to Sec. 8, 9, 16 & 17 + 60

Land: Surface undulating: soil

2nd & 1st rate: some Pine. Tam-

arack & Fir timber on N. & S. and

good grass. about $\frac{1}{3}$ of Sec. 16

is good farming land

Subdivisions of Township No. 4 South Range 31 East
Willamette Meridian, Oregon.

402 42

31 East

North between Sec. 8 & 9

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

4000 Set basalt Stone $15 \times 12 \times 4$ on

S.E. Slope for $\frac{1}{4}$ Sec. cor.

A Pine 10 in dia brs. N. $22^{\circ} E$. 230 lks dist

(no other tree)

8000 Set basalt Stone $16 \times 12 \times 6$

and post in mound of
Stone on East Slope for

cor. to Sec. 4, 5, 8 & 9

(no trees)

Land: Surface undulating;

Soil, 3rd, 2nd & 1st rate; Some

Scattering Strips of Pine

Tamarack & Fir timber

good grass; Some good
farming land;

Oct 27th 1880

43

Subdivisions of Township No. 4 South Range 31 East
Willamette Meridian, Oregon.

Cast on a random line between Sec. 4 & 9

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

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

80.16 Intersected N. & S. line 12 lks North

of cor to Sec. 3, 4, 9 and 10

from which cor I run

N. $89^{\circ} 55'$ West on a true line

between Sec. 4 & 9

va. $19^{\circ} 45'$ East

18.50 fence & field Co. N.E. & S.W.
^{leave}

40.08 Set basalt stone $18 \times 10 \times 8$

in mound of stone on East

Slope for $\frac{1}{4}$ sec. cor

A Pine 40 in. di. brs. N. 42° E. 240 lks dist

(No other tree)

80.16 The cor to Sec. 4, 5, 8 & 9 + 100

Land: Surface undulating

Soil 1st 2nd & 3rd rate; some

scattering Pine timber

good bunch grass; about

$\frac{1}{2}$ of sec. 9 is good farming

land.

44
404

Subdivisions of Township No. 4 South Range 31 East
Willamette Meridian, Oregon.

North on a random line between Sec. 4 & 5
ba. $20^{\circ} 30'$ East

40.00 Set post for temporary $\frac{1}{4}$ sec. cor.
65.85 Intersected N. Boundary 72 chs.
west of cor. to Sec. 4 & 5

from which cor. I run
 $S. 00^{\circ} 31'$ West on a true line
between Sec. 4 & 5

25.85 Set basalt stone $18 \times 8 \times 7$ on
S.E. Slope for $\frac{1}{4}$ sec. cor.
in mound of stone

32.50 Wagon road Co. N.W. & S.E.

65.85 The cor to Sec. 4, 5, 8 & 9 - 150

Land: surface rolling
and broken: Soil 3rd & 2nd rate;
Pine Tamarack & Fir timber
with large open glades.

About $\frac{1}{4}$ of Sec 4 is good
farming land: being
nearly all on S.E. $\frac{1}{4}$

45

Subdivisions of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

North between sec. 31 & 32
ra. $21^{\circ}15'$ East -

4000 Set basalt stone $12 \times 10 \times 8$ on
South Slope for $\frac{1}{4}$ Sec. cor.
A Pine 8 in. di. br. $S 61^{\circ} E. 41$ lks. dist
" " 24 " " " $N. 45^{\circ} W. 52$ " "

5000 Set basalt stone $14 \times 12 \times 10$
and post in mound of
stone on East Slope for
cor to Sec. 29. 30. 31 & 32

Land: Surface rolling & un-
dulating; Soil 3rd & 2nd
Rate: Some scattering
groves of pine timber;
good grass; some good
farming land.

Subdivisions of Township No. 4 South Range 31 East
Willamette Meridian, Oregon.

East on a random line between Sec. 29 &
Sec. 29 & 32

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

4000 Set post for temporary $\frac{1}{4}$ sec. cor.

79.80 Intersected N. & S. line 4 lks

North of cor. to Sec. 28, 29, 32

& 33 from which cor. I run

N. $89^{\circ} 58' W.$ on a true line

between Sec. 29 & 32

ba. $21^{\circ} 00'$ East

39.90 Set basalt Stone $18 \times 10 \times 8$

in sag in point of timber

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

A Pine 16 in. di. brs. N. $52^{\circ} W.$ 60 lks. dist

" " 28 in. di. brs. S. $63^{\circ} E.$ 22 " "

79.80 The cor. to Sec. 29, 30, 31 & 32

Land: Surface undulating

soil 3^{rd} & 2^{nd} rate; only one

small point of Pine timber

good grass: Some farming

land on Sec. 32 slopes S. & E

47

Subdivisions of Township No. 4 South Range 31 East
Willamette Meridian, Oregon.

West on a random line between Sec. 30 & 31
Pa. 20° 30' East

4000 Set post for temporary $\frac{1}{4}$ sec. cor.,
79.47 Intersected W. Boundary 22 lbs
North of cor. to Sec. 30 & 31
from which cor. I run
N. 89° 51' East on a true line
between Sec. 30 & 31

Pa. 19° 30' East

18.50 Ravine co S. E.,
39.47 Set basalt stone 18x12x5 on
South Slope for $\frac{1}{4}$ sec. cor.
44.00 Leave timber co. N. W. & S. E.
79.47 The cor. to Sec. 29, 30, 31 & 32
Land: Surface undulating;
Soil 3rd & 2nd rate; some
good. Pine Tamarack & Fir
timber; good grass;
Some good farming
land; Sec. 31 is about
 $\frac{1}{6}$ good farming land

Subdivisions of Township No. 4 South Range 31 East
Willamette Meridian, Oregon.

North between Sec. 29 & 30
wa. 20° 30' East-

4000 Set basalt Stone 15 x 12 x 4 on

N.E. Slope in mound of stone
for $\frac{1}{4}$ Sec. cor.

A Pine 8 in. di. br. S. 86° E. 174 lbs dist
no other tree

4600 Enter Timber co. S.E. & N.W.

6900 Leave " " S.E. & N.W.

8000 Set pine post & basalt stone 14 x
12 x 12 in mound of stone on
south slope for cor. to Sec. 19, 20,
29 and 30.

Land: Surface undulating;
soil 3rd & 2nd rate; some
pine timber good grafts;
Some good farming land.

49 409

Subdivisions of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

Cast on a random line between Sec. 20 & 29

ba. $21^{\circ} 00'$ East

40.00 Set post for temporary $\frac{1}{4}$ Sec. cor.

80.46 Intersected N. & S. line at cor. to

Sec. 20. 21. 28 & 29 from

which cor. I run

West on a true line

between Sec. 20 & 29

ba. $20^{\circ} 50'$ East

40.23 Set basalt stone $18 \times 12 \times 8$ on

N. E slope in mound of stone

for $\frac{1}{4}$ Sec. cor.

80.46 The cor to Sec. 19. 20. 29 & 30,

Land: Surface rolling; soil

3^{rd} & 2^{nd} rate; good grass;

some little scattering pine

timber. Mostly grazing

lands

Oct 28th 1880

410⁵⁰

Subdivisions of Township No. 4 South Range 31 East
Willamette Meridian, Oregon.

West on a random line between Sec. 19 & 30
ba. $21^{\circ} 00'$ East

4000 Set post for temporary $\frac{1}{4}$ sec. cor.

79.02 Intersected N. Boundary 34 lbs

North of cor. to Sec. 19 & 30

from which cor. I run

N. $89^{\circ} 45'$ East on a true line

between Sec. 19 & 30

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

2800 Leave timber co. N. & S.

39.02 Set basalt stone $14 \times 12 \times 10$ in

mound of stone on slight

E. slope for $\frac{1}{4}$ sec. cor.

79.02 The cor. to Sec. 19, 20, 29 & 30

Land: Surface rolling, soil

2nd & 3rd rate; About $\frac{1}{2}$

distance Pine Tamarack &

fir timber rem. open,

good grass; small part

farming land.

Sec. 19 is nearly all grazing land

51

411

Subdivision of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

North between Sec. 19 & 20

ba. $21^{\circ}00'$ East

16.00 Enter heavy timber c. N. $14^{\circ}E$

40.00 Set basalt stone $18 \times 12 \times 7$ on east slope for $\frac{1}{4}$ sec. cor.

A Pine 40 in. di. br. N. $14^{\circ}E$, 57 lbs. dist.

" " 28 " " " N. $30^{\circ}W$, 159 "

64.00 Spring branch c. East

71.00 Leave timber c. E & W.

80.00 Set Basalt Stone $18 \times 12 \times 10$ &

post in mound of stone

on east slope for cor.

to Sec. 17, 18, 19 & 20

Land: Surface rolling; Soil.

3^{rd} & 2^{nd} rate Moistly heavy

Pine Tamarack & Fir tim-

ber. with some open glades

Some good farming land

Subdivisions of Township No. 4 South Range 31 East
Willamette Meridian, Oregon.

East on a random line between Sec. 17 & 20
wa. $18^{\circ} 45'$ East -

4000 set post for temporary $\frac{1}{4}$ sec. cor.
8004 Intersected N. & S. line 26 lbs
South of cor to Sec. 16, 17, 20 & 21
from which cor. I run
 $S 89^{\circ} 41'$ West on a true line
between Sec. 17 & 20

wa. $21^{\circ} 00'$ East,

4002 set basalt stone $16 \times 14 \times 8$ on
S.E. slope for $\frac{1}{4}$ sec. cor.

A Pine 12 in. di. lbs. $S 54^{\circ} N.$ 121 lbs. dis.
no trees north

8004 The cor to Sec. 17, 18, 19 & 20 + 100
Land surface rolling;
soil 3rd & 2nd rate; scatter-
ing Pine timber; good
grass; Sec. 20 is about $\frac{1}{4}$
covered with heavy Pine
Tamarack & Fir timber
about $\frac{1}{8}$ is farming land

53

413

Subdivision of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

West on a random line between sec. 18 & 19

wa. $18^{\circ} 45'$ East

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

79.60 Intersected W. Boundary 28 lks

North of cor. to sec. 18 & 19

from which cor. I run

N. $89^{\circ} 48'$ East on a true line

between sec. 18 & 19

wa: $17^{\circ} 00'$ East

39.60 Set basalt stone $17 \times 8 \times 7$ on

East Slope for $\frac{1}{4}$ sec. cor.

A. Pine 10 in. di. br. N. $73^{\circ} E$. 24 lks, dist,

" " 10 " " " S. $42^{\circ} E$ 40 " "

79.60 The cor to sec. 17, 18, 19, & 20 - 100

Land: Surface rolling; Soil

$3''$ & small part $2''$ rate; some

Scattering Pine timber good

grap. Sec. 19 is mostly

grazing land

Subdivisions of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

North between Sec. 17 & 18

wa. 18° 45' East

4000 Set basalt Stone 17 x 12 x 5 on

East Slope for 1/4 Sec. cor.

A Pine 22 in. di. brs. S 23° E. 156 lbs dist

no tree west

7800 Scare timber co. E & W.

8000 Set basalt Stone 20 x 9 x 7 in

Mound of stone on East

Slope for cor. to Sec. 7 & 8. 17 & 18

A Pine 16 in. di. brs. N. 5° E. 306 lbs. dis.

" " 28 " " " S. 64° W. 287 " "

No other trees near

Land: Surface slightly rolling;

Soil 3" & 2" rate. Mostly

heavy Pine, Fir, & Tamarack

timber good grass in openings

55

415

Subdivisions of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

East on a random line between Sec 8 & 17

Pa. $18^{\circ} 15'$ East4000 set post for temporary $\frac{1}{4}$ sec. cor.

80.28 Intersected N. & S. line 18 chs

South of cor. to Sec. 8, 9, 16 & 17

from which cor. I run
S. $89^{\circ} 52'$ West on a true line

between Sec. 8 & 17

Pa. $20^{\circ} 30'$ East4014 Set basalt stone $16 \times 12 \times 8$ inSag for $\frac{1}{4}$ sec. cor.Pine 22 in. di. brs. N. 30° E. 15 chs. dist.Fir 15 " " " S. 42° E. 35 " "

6200 Leave timber co. N & S.

80.28 The cor. to Sec. 7, 8, 17 & 18 +100

Land: surface rolling;

Soil: 2^d & 3^d rate; heavy

timber except N. 18 chs &

a few small glades. Pine, Sam-

arack & Fir, some grass

October 29th 1880

Subdivisions of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

West on a random line between Sec. 7 & 18

Pa; $18^{\circ} 15'$ East -4000 Set post for temporary $\frac{1}{4}$ sec. cor.

79.53 Intersected N. Boundary 52 lbs

North of cor to Sec. 7 & 18 from

which cor I run

 $N. 89^{\circ} 38'$ East on a true line

between Sec. 7 & 18

Pa. $21^{\circ} 00'$ East -39,55 Set Basalt Stone $17 \times 10 \times 8$ onNorth slope for $\frac{1}{4}$ sec. cor.A Tamarack 14 in. d. lbs. $N. 55^{\circ} W. 38$ lbs, dist." Pine 30 " " " $S. 53^{\circ} W. 32$ " "

79.55 The cor. to Sec. 7, 8, 17 & 18 - 80

Land: Surface rolling;

Soil 3rd & 4th rate; Mostly heavy

timber, some scattering with

some open glades; good

grasp in open ground

57 417

Subdivision of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

North between Sec. 7 & 8

ba. $18^{\circ} 15'$ East

350 Enter timber Co. E & W.

4000 Set basalt stone $18 \times 8 \times 7$ in

Small open glade for $\frac{1}{4}$ sec. cor.

A Pine 12 in. di. brs. S. 27° E. 114 lbs. dist.

" " 9 " " " S. 56° W. 88 " "

8000 Set basalt stone $17 \times 10 \times 8$ on S. W.

Slope in, mound of stones, for

Cor. to Sec. 5, 6, 7, & 8

A Pine 6 in. di. brs. S. 18° E. 140 lbs. dist.

" " 18 " " " S. 53° W. 98 " "

" " 11 " " " N. 61° W. 132 " "

No tree near on N. E. i

Land: surface rolling;

Soil 2" & 3" rate; heavy Pine

Tamarack & Fir timber

with open glades. good

grass in openings

Subdivisions of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

Cast on a random line between Sec. 58 & 8
 wa. $20^{\circ} 15'$ East

40.00 Set post for temporary $\frac{1}{4}$ Sec. cor.

80.30 Intersected N. & S. line 32 lks

South of cor. to Sec 4, 5, 8 & 9

from which cor. I run

S. $89^{\circ} 46'$ West on a true line

between Sec. 58 & 8

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

40.15 Set basalt stone $14 \times 12 \times 10$

on E. slope for $\frac{1}{4}$ Sec. cor.

A Pine 13 in. di. br. N. 12° E. 11 lks, dist.

" Pine 16 " " South 72 " "

80.30 The cor. to Sec. 5, 6, 7 & 8 + 200

Land: Surface rolling &

Slopes East; Soil 3" & 2" rate

Scattering groves of Pine timber

good grass.

59 419

Subdivision of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

West on a random line between Sec. 6 & 7

wa. $20^{\circ} 15'$ East.

4000 set post for temporary $\frac{1}{4}$ sec. cor
79.82 Intersected N. Boundary 53 lbs
North of cor. to Sec. 6 & 7

from which cor. I run
N. $89^{\circ} 37'$ East on a true line
between Sec. 6 & 7

wa. $21^{\circ} 45'$ East

39.82 Set basalt Stone $16 \times 10 \times 8$ in ⁺¹⁰⁰
mound of stone on S. W.
slope of knoll for $\frac{1}{4}$ sec. cor.

79.82 The cor. to Sec. 5, 6, 7, & 8 -150

Land: Surface rolling; Soil
 $3'$ & $2'$ rate: Mostly open
A few scattering Pine at
East & West ends

good grafd. about
 $\frac{1}{4}$ of Sec. 6 is good farming
land.

42060

Subdivision of Township No. 4 South Range 31 East

Willamette Meridian, Oregon.

North on a random line between
Secs 5 & 6

Co. $20^{\circ} 15'$ East

400 set post for temporary $\frac{1}{4}$ sec. cor.

6626 Intersected N. Boundary 96 lks
west of cor. to Sec. 5 and 6

from which cor. I run
 $S. 00^{\circ} 41'$ West on a true line
between Secs 5 & 6.

Co. $21^{\circ} 13'$ East

2626 Set Fir post on N. slope
for $\frac{1}{4}$ sec. cor.

A Fir 10 in. di. brs. $S. 75^{\circ} E$ 5 lks. dist.

" Pine 13 " " " N. $52^{\circ} W$, 42 " "

4300 Leave heavy timber + 250

6626 The cor. to Sec. 5, 6, 7 & 8 - 52

Land: Surface broken

and mountainous: Soil

$3' & 2'$ rate; Mostly heavy

timber on N. 43 chs. rem-

ainder scattering. Pine

Damarack & Fir. Oct 30 1880

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A21

Subdiv. of Township No. 4 South Range 31 East
Willamette Meridian, Oregon.

General description

The surface is mostly undulating & level. along North line mountainous with general south slope. along west line rolling & slopes east

About $\frac{3}{5}$ is 2^d & 1^d rate

Soil & well adapted to farming remainder mostly good grazing land. about $\frac{1}{4}$ is covered with timber but cannot be distinctly described on Map.

Most but not all settlers improvements are noted on Map Fencing & plowing had been delayed by waiting for Survey. It is well watered and is susceptible of thorough improvement

Subdivisions of Township No. 4 South Range 3 East

Willamette Meridian, Oregon.

Test observations

I took observation on Polaris when in vertical plane with Alloth and in the morning at its western elongation in the morning of Oct 25 1880

In comparing my compass the error is 5' west. I consider this not large enough to require correction.

I make similar observation again on the night of 25 Oct and the following day note an error of 6' West

On the night of Oct 28 I take another observation and note an error of 6' West.

My opinion is that the above errors are the result of the impossibility of taking accurate observations. Upon return to Portland

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of Township No. _____ Range _____

Willamette Meridian, Oregon.

and testing my instru-
ment on established
Meridian I find it
Correct November 15th 1880

FINAL AFFIDAVIT OF ASSISTANTS.

We hereby certify that we assisted George S. Pershin Deputy Surveyor, in surveying the Subdivision lines of Township 4 South Range 31 East Willamette Meridian, Oregon, and that said lines have been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the boundary monuments planted according to the instructions furnished by the Surveyor General; and we do further swear that we, each of us, performed the work assigned us, faithfully to the best of our ability, in the capacity hereby indicated by our signatures.

William Gradov Chainman.

Olin Hasford Chainman.

Chainman.

Francis S. Pittenger Axeman.

Axeman.

STATE OF OREGON, }
County of Wematilla }

Subscribed and sworn to before me, this 30th day of October 1880

George S. Pershin
A U.S. Dep. Sur.

Diagram of T. No. 4 South R. 31 East

| | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 6 | 66.26 | 5 | 63.83 | 4 | 65.00 | 3 | 65.30 | 2 | 63.68 | I |
| 79.52 | | 80.30 | | 80.16 | | 80.00 | | 79.70 | | 80.26 |
| 7 | 80 | 8 | 80 | 9 | 80 | 10 | 80 | 11 | 80 | 12 |
| 79.55 | | 80.28 | | 80.32 | | 79.66 | | 79.44 | | 80.30 |
| 18 | 80 | 17 | 80 | 16 | 80 | 15 | 80 | 14 | 80 | 13 |
| 79.60 | | 80.04 | | 80.36 | | 79.95 | | 79.44 | | 80.36 |
| 19 | 80 | 20 | 80 | 21 | 80 | 22 | 80 | 23 | 80 | 24 |
| 79.02 | | 80.46 | | 79.96 | | 80.16 | | 79.46 | | 80.12 |
| 30 | 80 | 29 | 80 | 28 | 80 | 27 | 80 | 26 | 80 | 25 |
| 79.47 | | 79.80 | | 80.08 | | 80.02 | | 80.04 | | 79.88 |
| 31 | 80 | 32 | 80 | 33 | 80 | 34 | 80 | 35 | 80 | 36 |

OATH OF CHAINMEN.

We, William Gradon and
Olin W. Hosford Chainmen, hereby certify
and solemnly swear that we have carefully and faithfully chained all the lines of the
surveys shown by the annexed diagram of township No. 4 South
Range 31 East, and that the measurements of the same, as determined
by us, are correctly recorded thereon.

We further certify that the chains used by us in the aforesaid surveys were daily
compared and corrected by standard measure; that all distances have been obtained
by horizontal measurements, and that we have in all other respects discharged our
duties in accordance with legal instructions.

William Gradon
Olin Hosford

Subscribed and sworn to before me, this thirtieth day of
October 1880

George S. Pershwin
A. W. S. Dep. Sur.

OATH OF AXMEN AND MOUNDMEN.

We, F. Francis S. Pittenger
a a axmen and moundmen, in the

survey of Subdivisions of Township 4 South Range 31 East,
hereby certify and solemnly swear that we have carefully and faithfully marked all
the true lines and corners of the said surveys upon which measurements are shown
upon the diagram hereto attached, in accordance with instructions and the require-
ments of the surveying manual.

Francis S. Pittenger

Subscribed and sworn to before me, this thirtieth day of
October 1880

George S. Pershwin
A. W. S. Dep. Sur.

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FINAL OATH OF DEPUTY SURVEYOR.

I, George S. Pershin
United States Deputy Surveyor, do solemnly swear that I have, in my own proper person, and with the necessary assistance, well, truly and faithfully executed the Subdivisional surveys of Township 4 South Range 31 East under my contract with James C. Tolman, United States Surveyor-General for Oregon, No. 373, bearing date September

17th 1880; that in making the said survey I have used only such instruments as were approved by the said Surveyor-General, exercising due care in the preservation of adjustments of the same; that in using the solar compass I have at no time projected established lines depending for alignment upon the magnetic needle; that I have in all respects complied with the laws of the United States governing public-land surveys, the surveying manual, and such additional instructions as have been furnished me by and through the said Surveyor-General relating to the aforesaid survey; that I have thoroughly acquainted my assistants in the field with the nature of their duties under the laws and instructions above mentioned; that to the best of my knowledge and belief all assistants so employed have likewise obeyed the aforesaid laws and instructions, and that the annexed field-notes are the original, true and correct returns of the said surveys.

George S. Pershin
Deputy Surveyor.

Subscribed and sworn to before me, this 16 day of Nov 1880

James C. Tolman
Surveyor General

I

Deputy Surveyor, do solemnly swear that in pursuance
of a contract with _____
U. S. Surveyor General of the State of Oregon, bearing
date the _____ day of _____ 188____,
and in strict conformity with the Printed Manual of
Instructions, and the instructions given me by the Sur-
veyor General, I have faithfully surveyed the _____
_____ lines of Township
_____ aforesaid, and do
further solemnly swear that the foregoing are the true
and original field notes of such survey.

Deputy Surveyor.

STATE OF OREGON,

County of _____

Subscribed and sworn to before me, a _____

_____ in and for the said County

and State, this _____ day of _____ 188____

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Office U. S. Surveyor General,

Portland, Oregon, *Nov. 17* 1880

The foregoing Field Notes of the survey of the
Subdivisional lines of Township 4 South
Range 31 East, Willamette Meridian
Oregon
executed by *George S. Perkin U.S. Deputy*
Surveyor under his contract No. *373*
dated *September 17* 1880, having been
critically examined, the necessary corrections and ex-
planations made, the said field notes and the survey
they describe, are hereby approved.

James C. Tolman
Surveyor General.