

FIELD NOTES

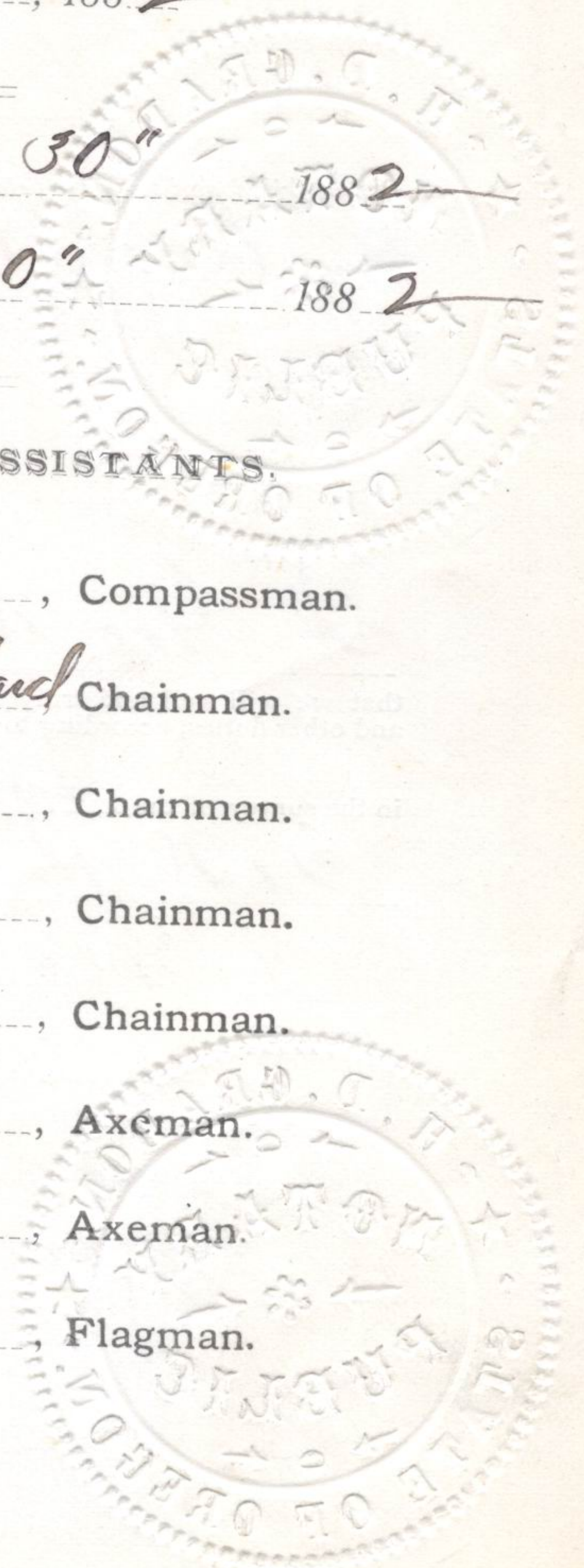
103

Of the survey of the Subdivisional
Lines of Township 1 North
Range 37 East, Willamette Meridian,
Oregon, as surveyed by Arman D. Graden
U. S. Deputy Surveyor, under his Contract No. 452
dated June 16", 1882

Survey commenced, August 30" 1882
Survey completed, September 10" 1882

NAMES AND DUTIES OF ASSISTANTS.

....., Compassman.
Abraham Blanchard Chainman.
Henry King Chainman.
....., Chainman.
....., Chainman.
Geo. W. Huitt Axeman.
....., Axeman.
....., Flagman.



PRELIMINARY OATHS OF ASSISTANTS:

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We, Abraham Blanchard and Henry King

do solemnly swear that we will faithfully execute the duties of Chain Carriers, that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we will assist in measuring, to the best of our skill and ability, and in accordance with the instructions given us in

the survey of the Subdivisional lines of Township 1 North
Range 37 East Willamette Meridian, Oregon.

Abraham Blanchard, Chainman.

Henry King, Chainman.

, Chainman.

, Chainman.

Subscribed and sworn to before me, this twenty-ninth day of August 1882

[SEAL.]

H. D. G. raden
Notary Public

We, Geo. W. Huitt and

do solemnly swear that we will well and truly perform the duties of Axemen in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability,

in the survey of the subdivisional lines of
T. N. R 37 E Willamette Meridian, Oregon.

Geo. W. Huitt, Axeman.

, Axeman.

Subscribed and sworn to before me, this twenty-ninth day of August 1882

[SEAL.]

H. D. G. raden
Notary Public

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Meanders of _____ Pages _____ to _____

Preliminary to subdividing this township I ran North on a blazed line on the East boundary of Dec. 36 and at 40.00 chs I found the $\frac{1}{4}$ sec. cor. and at 80.00 chs I found the sec. cor., as I have just re-run the S. boundary of Dec 36. I do not believe same.

My compass will therefore run the same line as the exterior boundaries and the chaining practically agrees—
Survey commenced Aug. 30th 1882
with a Burt's improved Solar
Compass

Subdivisions of T. 1 N. R. 37 E.
Willamette Meridian, Oregon.

I commence at the Cor. to Secs 35
+ 36 on the Base Line which is a
basalt stone 20x12x8 ins. marked B.L.
with 1 notch on E. and 5 notches on N.
edges, from which

A fir 6 ins diam. bears N. 7° E. 49 lks
dist. marked T. N. R. 37 E. S. 36. B. 2

A fir 22 ins diam. bears S. 85° W. 21 lks
dist. marked T. S. R. 37 E. S. 2. B. 2

A fir 24 ins diam. bears N. 45° W. 51 lks
dist. marked T. N. R. 37 E. S. 35. B. 2

Thence I run

North bet Secs 35 + 36

Var. 14° E.

Ascend about 100 ft. to

14.00 Top of ridge, course N.

25.50 Bottom of gulch, about 150 ft. below ridge,
course N.

33.00 Top of ridge, about 150 ft. above gulch,
course N.

40.00 Set a post 3 ft. long, 3 ins square, 24 ins in
the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S.

Subdivision of T. 1 N. R. 37 E 113

Willamette Meridian, Oregon.

on N. face, from which

A Tamarack 4 in diam. bears S. 60° E. 10 cor
dist., marked 1/4 S. B. I.

A fir 4 in diam. bears S. 50° W. 8 cor
dist., marked 1/4 S. B. I.

45.50 Bottom of gulch, about 200 ft. below ridge,
course W.

54.00 Top of ridge, about 100 ft. above gulch, course W.

61.50 Bottom of gulch, about 100 ft. below ridge, course W.
Ascend about 150 ft. to

80.00 Set a basalt stone 18 x 12 x 4 in, 12 in in the
ground, for Cor. to Secs 25, 26, 35 & 36, marked
with 1 notch on S. + E. edges + raised a
mound of stone alongside -

Land mountainous
Soil stony & basal
Timber, scattering fir, pine and
Tamarack, with dense undergrowth of
mountain laurel

Subdivisions of T. 1 N. R. 38 E

Willamette Meridian, Oregon.

East

was a random line bet. Sec's 25 & 36

Na, 18 1/4° E

Ascend about 300 ft. to

2250

Top of ridge. course S.

Descend about 100 ft. to

3750

a brook, 4' wide, runs S.

40.00

Set temporary 1/4 sec. cor.

79.88

Intersect E. boundary 36 cor N. of the
Cor. to Sec's 25, 36, 30 + 31 which is a post

+ in square, marked

D, N. S. 30 on N.E.

R 38 E - S 31 on S.E.

R 37 E. S 36 on S.W. end

S 25 on N.W. faces, with 1 notch on S.
and 5 notches on N. edges, from which

A fir 30 in diam. bears N. 56° E. 130 cor
dist. marked D, N. R 38 E. S 30. B. J.

A fir 30 in diam bears S. 82° E. 104 cor
dist. marked D, N. R 38 E. S 31. B. J.

with mound of stones alongside

Thence I run

N. 89° 45' W. a true line bet. Sec's 25 & 36

Subdivisions of T. 1 N. R. 37 E 115

Willamette Meridian, Oregon.

- 3994 Set a basalt stone 13x9x8 ins. 9 ins in the ground. for 1/4 sec. cor., marked 1/4 cor N. face. from which
 A fir 4 in diameter bran N. 60° W. 52 lbs dist. marked 1/4 S. B. D.
- A fir 10 ins diameter bran S. 10° W. 21 lbs dist. marked 1/4 S. B. D.
- 4988 The cor. to Sec's 25, 26, 35 & 36

Sand mountainous
 Soil, sandy loam 2nd rate
 Heavily timbered with fir & tamarack

Subdivisions of T. 1 N. R. 37 E. -
Willamette Meridian, Oregon.

North

bet Dec's 25 + 26

Va 18 1/4° E.

Ascend

40,00

Set a basalt stone 14x10x8 in, 9 in. in the ground. for 1/4 sec. cor., marked 1/4 in N. face. from which

A fir 16 in diam bears N. 55° E. 46 lbs dist., marked 1/4 S. B.D.

A fir 36 in diam bears N. 40° W. 13 lbs dist., marked 1/4 S. B.D.

64,00

Top of ridge, about 400 ft. above sec. cor., course N.

80,00

Set a post 4 ft. long, 4 in square, 24 in in the ground, for cor. to Dec's 23, 24, 25 + 26, marked

D, N. S. 24 on N.E.

R 37 E, S 25 on S.E.

S 26 on S.W. end

S 23 on N.W. faces, with 2 notches on S. and 1 notch on E. edges, from which

A fir 5 in diam bears N. 78° E. 52 lbs dist., marked D, N, R 37 E, S 24, B.D.

Subdivisions of T. 1 N. R. 37 E. 117

Willamette Meridian, Oregon.

A pine 4 in diam. bears S. 25° E. 13 cor
dist., marked T. N. R. 37 E. S. 25. B. D.

A fir 5 in diam. bears S. 25° W. 11 cor
dist., marked T. N. R. 37 E. S. 26. B. D.

A pine 12 in diam. bears N. 65° W. 15 cor
dist., marked T. N. R. 37 E. S. 23. B. D.

Land mountainous

Soil 2nd rate

Heavily timbered with fir, pine
& tamarac

East

was true line bet Sec's 24 + 25
Va 20 1/4° E.

Through timber

40,00

Set a basalt stone 12 x 10 x 8 in 8 in in
the ground for 1/4 sec. cor., marked 1/4 on
N. face & raised a mound of stone
along side.

As the cor. to Sec's 24, 25, 19 + 30 on
the E. boundary of this township

118

Willamette Meridian, Oregon.

has never been established, on account of the land being so rough that it is unsurveyable, I discontinued my line at this point

Land mountainous
Soil stony & wet
Timber, scattering fir pine & tamarack, with dense undergrowth of mountain laurel

North

bet Dec's 23 + 24

Va. 20 1/4 E.

Through timber

40.00

Set a post 3 ft long, 3 ins square, 24 ins in the ground, for 1/4 corner, marked 1/4 S on N. face, from which

A fir 28 ins diam, bears S 80° E - 9 lbs dist., marked 1/4 S B.D.

A fir 3 ins diam, bears N 75° W - 16 lbs dist., marked 1/4 S B.D.

Subdivisions of T. 1 N. R. 37 E. 119
Willamette Meridian, Oregon.

80.00 Set a post 4 ft long, 4 in square, 24
in in the ground. for line to Sec's 13, 14,
23 & 24, marked

T. 1 N. S. 13 on N. E.

R. 37 E. S. 24 on S. E.

S. 23 on S. W. and

S. 14 on N. W. faces, with 3 notches
on S. and 1 notch on E. edge, from which

A fir 20 in diam bears N. 45° E. 40 in
dist. marked T. 1 N. R. 37 E. S. 13. B. D.

A fir 24 in diam bears S. 50° E. 53 in
dist. marked T. 1 N. R. 37 E. S. 24. B. D.

A fir 20 in diam bears S. 10° W. 8 in
dist. marked T. 1 N. R. 37 E. S. 23. B. D.

A tamarack 16 in diam bears N. 35° W. 5 in
dist. marked T. 1 N. R. 37 E. S. 14. B. D.

Land mountainous

Soil, sandy loam. 2nd rate

Heavily timbered with fir, pine, and
tamarack

August 30, 1852

Subdivisions of T. 1 N. R. 37 E

Willamette Meridian, Oregon.

East

in a random line bet Sec's 13 + 24

Va. 20° E.

Over mountainous land through
scattered timber

40,000 Per temporary $\frac{1}{4}$ sec. cor.

8036 Intersect E. boundary 60 rods N. of
the cor. to Sec's 13, 24, 18 + 19 which is a
Tamarack 5 ins in diam, marked

T. 1 N. S. 18 on N. E.

R. 38 E. S. 19 on S. E.

R. 37 E. S. 24 on S. W. and

S. 23 on N. W. faces, with 3 notches on
N. S. edges, from which

A Tamarack 6 ins diam bears S. 73° E. 22
rods dist., marked T. 1 N. R. 37 E. S. 19. B. I.

A Tamarack 7 ins diam bears N. 58° E. 20
rods dist., marked T. 1 N. R. 37 E. S. 18. B. I.

A Tamarack 8 ins diam bears N. 53° W. 22
rods dist., marked T. 1 N. R. 37 E. S. 13. B. I.

A Tamarack 8 ins diam bears S. 39° W. 30 rods
dist., marked T. 1 N. R. 37 E. S. 24. B. I.

Thence from

Subdivision of T. 1 N. R. 37 E.
Willamette Meridian, Oregon.

N. 89° 34' W. - on a line bet Secs 13 & 24

40,18 Set a basalt stone 17x10x5 ins 11 ins in the ground for 1/4 sec. - marked 1/4 on N. face and raised a mound of stone alongside

80,36 The cor. to Sec's 13, 14, 23 & 24

Land mountainous, soil 3rd class
Timber scattering pine, fir and tamarack, with dense undergrowth of mountain laurel

North bet Sec's 13 & 14

N. 20° E.

Through timber & brush.

40,00 Set a basalt stone 16x12x10 ins, 11 ins in the ground for 1/4 sec. - marked 1/4 on N. face and raised a mound of stone alongside

80,00 Set a basalt stone 18x14x7 ins 12 ins in the ground. for cor. to Sec's 11, 12, 13 & 14, marked with 4 notches on S. and 1 notch on E. edges, and raised a mound of

Subdivisions of T. 1 N. R. 37 E.

Willamette Meridian, Oregon.

Stone along side

Land mountainous
Soil. Dry 3rd rate
Timber scattering pine, fir and
tamarack, with dense undergrowth
of mountain laurel

East

in a random line bet Secs 12 + 13

Pa. $20\frac{3}{4}^{\circ}$ E

Through brush timber

40.00

Set temporary 1/4 sec cor

79.82

Intersect E. boundary 31 cds N. of
the cor to Secs 12, 13, 7 + 18, which is
a post, 4 in square, marked

S. N. S 7 on N. E.

R 38 E. S 18 on S. E.

R 37 E. S 13 on S. N. and

S. 12 on N. N. faces, with 4 notches on
S, and 2 notches on N. edges, from which
a fir 2 1/2 in diam bears N. 18° E. 20 cds

Subdivisions of T. 1 N. R. 37 E. 23

Willamette Meridian, Oregon.

dist. marked T. N. R 38 E. S. 7. B. 2

A fir 6 in diam. bears S 70° E. 18 in

dist. marked T. N. R 38 E. S. 18. B. 2

A fir 7 in diam bears S. 53° W. 9 in

dist. marked T. N. R 37 E. S. 13. B. 2

A fir 7 in diam bears N. 69° W. 27 in

dist. marked T. N. R 37 E. S. 12. B. 2

Thence I ran

N. 89° 47' E. on a true line bet Sec's 12 + 13

39,91 Set a bar alt stone 16 x 12 x 4 in 11 in in the ground, for 1/4 sec ev., marked 1/4 on N. face, and raised a mound of stone alongside

49,82 The line to Sec's 12, 13, 7 + 18

Level mountainous, soil 2nd rate Timber scattering pine, fir and hemlock, with dense undergrowth of mountain laurel

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Subdivisions of T. 1 N. R. 37 E.

Willamette Meridian, Oregon.

North bet- Sec's 11 + 12

Va $20\frac{3}{4}^{\circ}$ E

Through brush + timber

40.00 Set a basalt stone $17 \times 10 \times 6$ ins, 11 ins in the ground, for $\frac{1}{4}$ corner, marked $\frac{1}{4}$ on N. face + raised a mound of stone alongside

80.00 Set a basalt stone $16 \times 11 \times 7$ ins, 11 ins in the ground. For Cor. to Sec's 1, 2, 11 + 12, marked with 5 notches on S + 1 notch on E-edges, dug pits $18 \times 18 \times 12$ ins in each sec. $5\frac{1}{2}$ ft. dia. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base alongside

Land mountainous
Soil, stony & rat
Timber, scattering pine fir +
tamaracs with dense undergrowth
of mountain laurel

Subdivisions of T. 1 N. R. 37 E.

Willamette Meridian, Oregon.

East

in a random line bet Secs 1 + 12

$\text{Va } 20\frac{3}{4}^{\circ} \text{ E}$

Over mountainous land

40,00

Set temporary $\frac{1}{4}$ sec. corner

80,14

Intersect E. boundary 20 W. S. of the
C. to Secs 1, 12, 6 + 7 which is a post
4 in square, marked

T, N. S. on N. E.

R 38 E. S. 7 on S. E.

R 37 E. S. 2 on S. N. and

S. in N. N. face, with 5 notches on S.
+ 1 notch on N. edge, from which

A fir 10 in diam brass S. 10° E. 98 W. dist
marked T, N. R 38 E. S. 7 - B. D.

A pine 36 in diam brass N. 27° E. 144 W.
dist, marked T, N. R 38 E. S. 6 - B. D.

and a mound of stone along side
Thence from

S. $89^{\circ} 51' \text{ N}$ in a true line bet Secs 1 + 12

40,07

Set a basal stone $12 \times 10 \times 10$ ins. 8 ins in
the ground for $\frac{1}{4}$ sec. corner, marked $\frac{1}{4}$ on
N. face, dug pits $18 \times 18 \times 12$ ins E. + N.

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Subdivisions of T. 1 N. R. 37 E.

Willamette Meridian, Oregon.

of cor. 5 1/2 ft dist. and raised a mound
of earth 1 1/2 ft high, 3 1/2 ft base
along side

80,14

The cor. to Secs 1, 2, 11 + 12

Land mountainous

Soil. stony & granite

Timber. scattering pine fir, with
dense undergrowth of mountain laurel
& buck brush.

August 31st 1882

North

on a random line bet. Sec's 1 + 2

to 20 3/4° E.

40,00

at temporary 1/4 sec. cor.

79,88

Intersect N. boundary 18 rods N. of
the cor. to Sec's 1, 2, 3 57 36 which is a
post 4 in square, marked

T 2 N. S 36 on N. E.

R 37 E. S 1 on S. E.

D 1 N. S 2 on S. W. and

S 35 on N. W. faces, with 1 notch on E. end

Subdivisions of T. 1 N. R. 34 E 27

Willamette Meridian, Oregon.

5 notches on N. edges. From which
A fir 28 ins diam. bears N. 46° E. 79 lbs
dist. marked $\odot 2$ N. R 34 E. S 36. B. \odot

A fir 14 ins diam. bears S. 34° E. 140 lbs dist.,
marked $\odot 1$ N. R 37 E. S 1. B. \odot

A pine 26 ins diam. bears S. 59° W. 98 lbs dist.,
marked $\odot 1$ N. R 37 E. S. 2. B. \odot

A pine 8 ins diam. bears N. 55° W. 80 lbs
dist., marked $\odot 2$ N. R 37 E. S 35. B. \odot

Thence I run

S. 0° 8' W. on a true line bet. Sec's 1 + 2

39.88 Set a basalt stone 12x12x6 ins, 8 ins in the
ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N.
face. and raised a mound of stone
along side

79.88 The Cor. to Sec's 1, 2, 11 + 12

Land, mountainous
Soil 2nd rate

Timber, scattering pine, fir and
tamarac with dense undergrowth
of brush

Subdivisions of T. 1 N R. 37 E

Willamette Meridian, Oregon.

From the cor. to Secs 34 + 35 on the Base Line which is a post 4 ins square, marked

B.L. T. 1 N. R. 37 E. on N.

S 35 on E. end

S 34 on N. faces, with 2 notches on E. and 4 notches on N. faces, from which

A tamarack 11 ins diam. bears N. 30° E. 26 lks dist., marked T. 1 N. R. 37 E. S 35 - B. C.

A tamarack 10 ins diam. bears S. 50° N. 17 lks dist., marked T. 1 S. R. 37 E. S 3 - B. C.

A tamarack 6 ins diam. bears N. 65° W. 13 lks dist., marked T. 1 N. R. 37 E. S 34 - B. C.

I run

North

bet. Secs 34 + 35 -

to 19 1/2° E -

Descend about 100 ft to

^{n. fork of}

Machaw creek, 10 lks wide, runs N. W.

12.50

Top of ridge, about 200 ft. above creek, course N. W.

35.00

40.00

Set a post 3 ft. long, 3 ins square, 24 ins in the ground, for 1/4 sec. cor., marked

Subdivisions of T. 1 N. R. 34 E.

Willamette Meridian, Oregon.

1/4 S. on N. face, dug pits 18x18x12 ins N. & S. of cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base, along side

63.00 Bottom of gulch, about 150 ft. below ridge, course N.

80.00 Set a basalt stone 12x12x8 ins, 8 ins in the ground, for Cor. to Secs 26, 27, 34 + 35, marked with 1 notch on S. and 2 notches on E. edges, from which

A fir 5 ins diam. bears N. 15° E. 45 lbs dist., marked T. N. R. 34 E. S. 26. B. D.

A fir 5 ins diam. bears S. 60° E. 72 lbs dist., marked T. N. R. 34 E. S. 35. B. D.

no other trees within limits and raised a mound of stone along side

Land mountainous Soil sandy loam & clay, 2nd + 3rd rate Timber scattering fir & pine, with dense undergrowth of fir, pine and mountain laurel

Subdivision of T. 1 N. R. 37 E.
Willamette Meridian, Oregon.

- East
 a narrow line bet. Sec's 26 + 35
 Va 210 E
- Ascend
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 42.00 Top of ridge, about 800 ft above cor.,
 course S.W.
- 40.00 Bottom of gulch, about 400 ft. below
 ridge, course S.W.
- 49.80 Intersect 15' W. S. of the cor. to Sec's
 25, 26, 35 + 36
- Thence I run
- S 89° 54' W. a true line bet. Sec's 26 + 35
- 39.90 Set a basalt stone 16 x 10 x 4 ins 11 ins in
 the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ W
 N. face, and raised a mound of
 stone along side
- 49.80 The cor. to Sec's 26, 27, 34 + 35
 Land mountainous
 Soil $\frac{2}{3}$ wet sate
 Timber, scattering fir + pine, with
 dense undergrowth of mountain laurel

Subdivisions of T. 1 N. R. 37 E. 131

Willamette Meridian, Oregon.

North bet Sec's 26 + 27

N. 21° E.

10.00 Descend about 150 ft. to
Bottom of gulch, course N.

36.50 Top of ridge, about 300 ft. above gulch,
course N.

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

A willow 5 ins diam bears N. 20° E. 32 lds
dist., marked 1/4 S. B-D.

A tamarack 8 ins diam. bears N. 60° W. 10 lds
dist., marked 1/4 S. B-D.

40.50 A spring branch, 2 lds wide, runs N., about
150 ft. below ridge, course N.

61.50 Top of ridge, about 250 ft. above branch,
course N.

Descend about 150 ft. to

76.00 A creek, 3 lds wide, course N.

80.00 Set a basalt stone 22x12x8 ins 16 ins in the
ground, for cor. to Sec's 22, 23, 26 + 27, marked
with 2 notches on S and E edges, from which

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Subdivisions of T. 1 N. R. 37 E

Willamette Meridian, Oregon.

A pine 36 in diam. bears N. 65° E. 223. W. dist. marked S. 1 N. R. 37 E. S 23. B. D.

A pine 25 in diam. bears S. 68° E. 246 W. dist. marked S. 1 N. R. 37 E. S 26. B. D.

A fir 6 in diam. bears S. 50° N. 230 W. dist. marked S. 1 N. R. 37 E. S 27. B. D.

A fir 4 in diam. bears N. 50° N. 180 W. dist. marked S. 1 N. R. 37 E. S 22. B. D.

Land mountainous

Soil sandy loam & silt. 2nd & 3rd rates
Timber, scattering fir & spruce, with
a dense undergrowth of young fir
pine & mountain laurel

Subdivisions of T. 1 N. R. 37 E.
Willamette Meridian, Oregon.

East on a random line bet Sec's 23 + 26
Va. $20\frac{30}{4}$ E

Ascend mountain

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

80.20 Intersect 22 lds N. of the cor to
Sec's 23, 24, 25 & 26

Thence I run

N. $89^{\circ}57'$ on a true line bet Sec's 23 + 26

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

A fir 12 in diam. bears N. 60° W. 19 lds
dist., marked $\frac{1}{4}$ S. B. D.

A fir 4 in diam. bears S. 80° E. 25 lds
dist., marked $\frac{1}{4}$ S. B. D.

80.20 The cor. to Sec's 22, 23, 26 & 27

Land mountainous
Soil, 2nd rate

Timber, scattering fir & pine with
a dense undergrowth of mountain laurel

September 1st 1882

Subdivisions of T. 1 N. R. 37 E

Willamette Meridian, Oregon.

North	bet - Sec's 22 + 23
	Va $20\frac{3}{4}^{\circ}$ E
28.00	Ascend about 150 ft. to Top of ridge. course N.
	Descend about 75 ft. to
33.50	A brook, 3 wls wide, runs N.
40.00	Set a basalt stone 12 x 12 x 5 in, 8 in in the ground, for $\frac{1}{4}$ sec. - , marked $\frac{1}{4}$ on N. face. And raised a mound of stone along side
80.00	Set a post 4 ft. long, 4 in square, 24 in in the ground, for cor. to Sec's 14, 15. 22 + 23 marked
	S 1 N. S 14 on N. E.
	R 37 E. S 23 on S. E.
	S 22 on S. N. and
	S. 15 on N. N. faces, with 3 notches on S. and 2 notches on E. edges, from which
	A tamarack 20 in diam. bears N. 30° E. 18 wls dist., marked S 1 N. R 37 E. S. 14. B. J.
	A fir 28 in diam. bears S. 25° E. 10 wls dist., marked S 1 N. R 37 E. S 23. B. J.
	A fir 8 in diam. bears S. 50° N. 30 wls

Subdivisions of T. 1 N. R. 37 E. S. 22. B. 2
Willamette Meridian, Oregon.

dist. marked. S 1 N. R 37 E. S 22. B. 2
A fir 8 in diam. bears N. 30 W. 18 loc dist.
marked S 1 N. R 37 E. S. 15. B. 2

Land mountainous
Soil 2nd rate
Timber scattering fir, pine and
tamarack, with dense undergrowth
of mountain laurel

East on a random line bet. Sec's 14 + 23
Va. 70 1/2° E.

39.75 - A brook, 3 loc wide, runs S.

40.00 Set temporary 1/4 sec. cor.

80.30 Intersect 40 loc N of the cor. to Sec's
13, 14, 23 + 24

Thence I run

N. 89° 43' W. on a true line bet. Sec's 14 + 23

40.15 Set a basalt stone 16 x 12 x 4 ins, 11 ins in the
ground, for 1/4 sec. cor., marked 1/4 on the
face. From which

Subdivisions of T. 1 N. R. 34 E.

Willamette Meridian, Oregon.

A fir 14 in diam. bears N. 20° E. 42 eds
dist. - marked 1/4 S. B-D.

A fir 20 in diam. bears S. 45° E. 10 eds
dist. - marked 1/4 S. B-D.

80.30

The Cor. to Sec's 14, 15, 22 + 23

Level mountainous
Soil, sandy loam. 2 nd rate
Heavily timbered with fir, tamarack
and pine. Dense undergrowth
of mountain laurel

North

bet. Sec's 14 + 15

N. 20 1/2° E.

Low mountainous land

40.00

Set a basalt stone 14 x 10 x 6 in 9 in in the
ground. for 1/4 sec. cor. marked 1/4 on N-
face, and raised a mound of stone
along side

80.00

Set a basalt stone 16 x 12 x 10 in, 11 in
in the ground, for Cor. to Sec's 10, 11, 14 +

Subdivisions of T. 1 N. R. 37 ¹³⁷

Willamette Meridian, Oregon.

15, marked with 4 notches on S
and 2 notches on E. edges. and raised
a mound of stone along side

Land mountainous
Soil stony 3rd rate
Scattering pine, fir and tamarack
timber x Dense undergrowth
of pine, fir, tamarack and mountain
laurel

East on a random line bet - Sec's 11 & 14
Va. 21° E.

40.00 Set temporary ¹/₄ sec. cor.

80.12 Intersect 25' loc N. of the line to Sec's
11.12, 13 & 14

Thence I ran

N. 89° 49' W. on a true line bet - Sec's 11 & 14

40.06 Set a basalt stone 16 x 12 x 6 ins 11 ins in the
ground, from ¹/₄ sec. cor., marked ¹/₄ on N.
face, raised a mound of stone along side

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Subdivisions of T. 1 N. R. 37 E

Willamette Meridian, Oregon.

80,12 The loc. to Secs 10, 11, 14 & 15
 Sand mountainous
 Soil, stony 3rd rate
 Scattering fir, pine stamens
 timber - Dense undergrowth of
 mountain laurel

North

bet - Sec's 10 & 11

Va. 21° E

Descend through scattering timber
and brush

40.00 Set a basalt stone 14x10x8 in, 9 in in
 the ground. for 1/4 Sec. cor., marked 1/4
 on N. face, and raised a mound of
 stone along side

62.00 Bottom of canon, about 700 ft below
 sec cor.; a brook, 4 hrs wide, runs N.W.

80.00 Set a basalt stone 18x12x10 in, 12 in in
 the ground. for loc. to Sec's 2, 3, 10 & 11, mark-
 ed with 5 notches on S and 2 notches
 on E edges and raised a mound of

Subdivisions of T. 1 N. R. 34 E

Willamette Meridian, Oregon.

stone alongside

Land mountainous
Soil stony 3rd rat
Scattering pine, fir stamens
timber - Dense undergrowth
of mountain laurel

September 2nd, 1882

East on a random line bet Secs 2+11

Va. 21 1/2° E

Ascend through brush

40.00 Set trapline 1/4 sec. en.

79.90 Intersect 40 lbs S. of the cor. to Secs

1, 2, 11+12

Thence down

S 89° 43' N - on a true line bet - Secs 2+11

39.95 Set a basal stone 15 x 10 x 5 ins 10 ins in the
ground, for 1/4 sec. en., marked 4
on N. face, raised a mound of

stone alongside

79.90 The cor. to Secs 2, 3, 10+11

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Subdivisions of T. 1 N. R. 37 E.
Willamette Meridian, Oregon.

Land mountainous
Soil. stony 3rd rate
Scattering pine, fir & tamarack
timber. Dense undergrowth of
mountain laurel

North on a random line bet. Secs 2 + 3
Va. $21\frac{1}{2}^{\circ}$ E.

25.00 A brook, 4 lbs wide, runs S.W.

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

80.36 Intersect N. boundary 25 lbs E. of
the cor. to Secs 2, 3, 34 + 35 which is a
post 4 ins square, marked

T. 1 N. S 35 m N. E.

R. 37 E. S 2 m S. E.

T. 1 N. S 3 m S. W. ^{marked}

S 34 m N. W. face, with 2 notches on
E and 4 notches on N. edges, from which

A fir 26 in diam. bears S. 10° E. 136 lbs
dist., marked T. 1 N. R. 37 E. S 2. B. 2.

A fir 12 in diam. bears N. 34° W. 70 lbs

Subdivisions of T. 1 N. R. 37 E.

Willamette Meridian, Oregon.

dist. marked T. 2 N. R. 37 E. S. 34. B. 2.

A fir 16 in diam. bears S. 36° W. 92 etc

dist. marked T. 1 N. R. 37 E. S. 3. B. 2.

and a mound of stone around post

Thence I run

S. 0°-11' E. on a true line bet Dees 2 + 3

40.36 Set a basalt stone 12 x 10 x 8 in 8 in in the ground. from 1/4 sec. on, marked 1/4 on N. face, and raised a mound of stone alongside

80.36 The line to Dees 2, 3, 10 + 11

Land mountainous
Soil stony 3rd rate
Timber scattering pine + fir
Dense undergrowth of mountain laurel

Subdivisions of T. 1 N. R. 37 E.

Willamette Meridian, Oregon.

I run the Cor. to Sec's 33 & 34 on the Base Line which is a post 4 in square, marked

B. L. S. 1 N. R. 37 E. on N.

S 34 on E. end

S 33 on N. face, with 3 notches on E. & N. faces, from which

A fir 30 in diam. bears N. 10° E. 19 lbs dist., marked S. 1 N. R. 37 E. S 34. B. S.

A fir 24 in diam. bears S. 15° E. 76 lbs dist., marked S. 1 S. R. 37 E. S 4. B. S.

A fir 18 in diam. bears N. 40° N. 10 lbs dist., marked S. 1 N. R. 37 E. S 33. B. S.

I run

North bet Sec's 33 & 34

W. 20 1/4° E.

Through timber

14.00 A brook, 4 lbs wide. runs N. N. W.

40.00 Set a basalt stone 14 x 10 x 4 in, 9 in in the ground, for 1/4 Sec. cor., marked 1/4 on N. face, from which

A fir 30 in diam. bears N. 85° E. 50 lbs

Subdivisions of T. 1 N. R. 34 E

Willamette Meridian, Oregon.

dist., marked 1/4 S. B. I.

A fir 28 ins diam. bears N. 50° W. 66 lbs

dist., marked 1/4 S. B. I.

78.50

Top of ridge, about 200 ft. above brook, course N. W.

80.00

Set a post 4 ft. long, 4 ins square, 24 ins in the ground, for cor. to Sec's 27, 28, 33 & 34, marked

T. 1 N. S. 27 on N. E.

R. 34 E. S. 34 on S. E.

S. 33 on S. W. and

S. 28 on N. W. faces, with 1 notch on S. and 3 notches on E. edges, from which

A willow 6 ins diam. bears N. 45° E. 8 lbs

dist., marked T. 1 N. R. 34 E. S. 27 B. I.

An alder 4 ins diam. bears S. 70° E. 23 lbs

dist., marked T. 1 N. R. 34 E. S. 34 B. I.

An alder 3 ins diam. bears S. 25° W. 14 lbs

dist., marked T. 1 N. R. 34 E. S. 33 B. I.

An alder 4 ins diam. bears N. 45° W. 20 lbs

dist., marked T. 1 N. R. 34 E. S. 28 B. I.

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Subdivisions of T. 1 N. R. 37 E

Willamette Meridian, Oregon.

Sand mountainous
 Soil sandy loam 2nd rate
 Heavily timbered with fir, tamarack
 & pine. Dense undergrowth of
 fir tamarack, pine, mountain
 laurel, alder & willows

*

East

in a random line bet. Secs 27 + 34
 Va. 21° E

Descend through timber & brush

40.00 Set temporary 1/4 sec. cor.

52.00 Foot of hill about 1500 ft. below sec. cor.
 course N.W.

54.50 N. fork of Meacham creek, 10 lbs wide, runs N.W.

80.54 I intersect 60 lbs N. of the cor. to Secs
 26, 27, 34 + 35

Thence I run

N. 89° 34' N. on a true line bet. Secs 27 + 34

40.27 Set a basalt stone 16 x 10 x 4 ins 11 ins in
 the ground, for 1/4 sec. cor., marked 1/4 on
 N. face, and raised a mound of stone alongside.

Subdivisions of T. 1 N. R. 37 E.

Willamette Meridian, Oregon.

80.54 The cor. to Sec's 27, 28, 33 + 34

Land mountainous
Soil stony 3rd rate
Heavily timbered with fir and tamaracs
Dense undergrowth of fir, tamarac
and mountain laurel

North bet. Sec's 27 + 28

Va. 210 E.

Descend through timber

40.00 Get a basalt stone 12 x 9 x 5 ins, 8 ins in the
ground, for 1/4 sec cor, marked 1/4 on N-
face, from which

A pine 6 ins diam. bears S 20° E. 50 lbs
dist. marked 1/4 S. B. D.

A fir 6 ins diam. bears S 10° N. 37 lbs
dist. marked 1/4 S. B. D.

51.50 A spring branch, 3 lbs wide, runs N. E.

61.50 Foot of hill, about 1500 ft. below sec. cor. course N. N. W.

64.50 N. fork of Meacham creek, 10 lbs wide, runs N. N. W.

Subdivisions of T. 1 N. R. 37 E
Willamette Meridian, Oregon.

66.00

Ascend hill

80.00

Set a post 4 ft. long, 4 ins square, 24 ins in the ground. for cor. to Secs 21, 22, 27+28, marked

T. N. S 22 on N. E.

R 37 E. S 27 on S. E.

S 28 on S. N. and

S 21 on N. N. faces, with 2 notches on S. and 3 notches on E. edges, from which

A pine, 6 ins diam. bears N. 65° E. 9 rods dist. marked T. N. R 37 E. S 22. B. D.

A pine 4 ins diam. bears S. 60° E. 8 rods dist. marked T. N. R 37 E. S 27. B. D.

A pine 5 ins diam. bears S. 35° N. 15 rods dist. marked T. N. R 37 E. S 28. B. D.

A pine 6 ins diam. bears N. 20° N. 7 rods dist. marked T. N. R 37 E. S 21. B. D.

Land mountainous

Soil, stony 3rd rate

Heavily timbered with fir, tamarack & pine.

Dense small growth of pine, fir, tamarack

+ mountain laurel

September 3rd 1882

Subdivisions of T. 1 N. R. 37 E

Willamette Meridian, Oregon.

East wa random line bet. Sec's 22 + 27
Va. 20° E.

Ascend mountain

40.00 Set temporary 1/4 sec. cor.

79.82 A point about 1500 ft. above last sec. cor.;
Intersect 35' lat N. of the Cor. to Sec's
22, 23, 26 + 27

Thence I run

N. 89° 45' W. on a true line bet. Sec's 22 + 27

39.96 Set a post 3 ft. long, 3 in square, 24 in in
the ground, for 1/4 sec. cor., marked 1/4 S.
on N. face, and raised a mound of
stone around post

79.82 The Cor. to Sec's, 21, 22, 27 + 28

Land mountainous

Soil 2nd rate

Scattering fir & pine timber

Dense undergrowth of mountain
laurel.

Subdivisions of T. 1 N. R. 37 E.

Willamette Meridian, Oregon.

North
bet. Sec's 21 + 22
Va. 20° E.

15.00 Dry bed of creek, course N.

40.00 Set a basalt stone 14x10x4 ins 9 ins in the ground, for 1/4 sec. cor., marked 1/4 on N. face, from which

A fir 24 ins diam. bears N. 85° W. 100 lbs dist., marked 1/4 S. B.C.

no other tree within limits and raised a mound of stone alongside

74.50 Summit of ridge, about 1200 ft above creek bed, course N.W.

80.00 Set a post 4 ft. long, 4 ins square, 24 ins in the ground, for cor. to Sec's 15, 16, 21 + 22 marked

S. 1 N. S. 15 on N. E.

R 37 E. S 22 on S. E.

S. 21 on S.W. and

S. 16 on N.W. faces, with 3 notches on S + E. edges, from which

A fir 12 ins diam. bears N. 37° E. 15 lbs dist., marked S. 1 N. R 37 E. S 15. B.C.

Subdivisions of T. 1 N. R. 34 E. S. 22. B. 2
Willamette Meridian, Oregon.

A fir 8 ins diam. bears S. 55° E. 15 lbs
dist. marked J. N. R. 34 E. S. 22. B. 2

A fir 10 ins diam. bears S. 65° N. 24 lbs
dist. marked J. N. R. 34 E. S. 21. B. 2

A fir 6 ins diam. bears N. 70° W. 20 lbs
dist. marked J. N. R. 34 E. S. 16. B. 2

Sand mountains
Soil sandy loam 2nd rate
Timber, scattering fir & pine, with
dense thickets of young fir pine and
mountain laurel

East on a random line bet. Secs 15 & 22
Va. 22° E.

Ascend

40.00 Cut temporary 1/4 sec. cor.
80.38 Intersect 18 lbs N. of the cor. to Secs

14, 15, 22 & 23

Thence I run

N. 89° 52' W. on a true line bet. Secs 15 & 22

150

Subdivisions of T. 1 N. R. 37 E

Willamette Meridian, Oregon.

40,19 Set a post 3 ft. long, 3 in square, 24 in in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S in N. face., dug pits 18x18x12 in E & W of cor. $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base around post.

80,38

The cor. to Secs 15, 16, 21 & 22

Land mountainous
Soil 2nd rate
Timber scattering fir & pine, with dense undergrowth of fir pine and mountain laurel

Subdivisions of T. 1 N. R. 37 E.
Willamette Meridian, Oregon.

North bet. Sec's 15 & 16

Va. 230 E.

- 10.00 Descend through brush & timber
Bottom of gulch, about 100 ft. below cor.,
course N.
 - 20.00 Top of ridge, about 150 ft. above gulch, course N.
 - 40.00 Put a basalt stone 14 x 10 x 4 ins 9 ins in
the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N.
face, and raised a mound of stone
along side
 - 80.00 Put a basalt stone 16 x 12 x 12 ins 11 ins in
the ground, for cor. to Sec's 9, 10, 15 & 16,
marked with 4 notches on S. and 3
notches on E. edges, and raised a mound
of stone along side
- Land mountainous
Soil stony 3rd rate
Scattering fir & pine timber —
Dense undergrowth of mountain
laurel, young fir and pine

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Subdivisions of T. 1 N. R. 37 E.
Willamette Meridian, Oregon.

East

on a random line bet. Sec's 10 + 15
Va. $20\frac{1}{4}^{\circ}$ E.

30.00

Ascend through brush
Top of ridge, about 400 ft. above cor.,
course N.

40.00

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

79.88

Intersect 37 cor. N. of the cor. to Sec's 10,
11, 14 + 15

11, 14 + 15

Thence I run

N. $89^{\circ} 44'$ N.

on a true line bet. Sec's 10 + 15

39.99

Set a basalt stone $14 \times 10 \times 6$ ins. 9 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on
N. face, and raised a mound of
stone along side

79.88

The cor. to Sec's 9, 10, 15 + 16

Land mountainous
Soil 2nd rate
Scattering fir + pine timber with dense
undergrowth of mountain laurel,
young fir + pine
September 4' 1882

Subdivisions of T. 1 N. R. 34 E

Willamette Meridian, Oregon.

North bet. Sec's 9 & 10

Va. 20 1/4° E

Descend about 300 ft. to

30.00 A creek, 8 lbs wide, runs Sth. Ascend

40.00 Set a basalt stone 16 x 12 x 4 ins, 11 ins
in the ground, for 1/4 sec. cor. marked
1/4 in N. face, and raised a mound of
stone alongside

80.00 A point about 700 ft. above creek:
Set a basalt stone 15 x 12 x 8 ins 10 ins in
the ground for cor. to Sec's 3, 4, 9 & 10
marked with 5 notches on S, and 3
notches on E. edges, and raised
a mound of stone alongside

Land mountainous

Soil, stony 3rd rate

Timber, scattering pine, fir and
Tamarack with dense undergrowth
of mountain laurel

Subdivisions of T. 1 N. R. 37 E.
Willamette Meridian, Oregon.

East

an irregular line bet. Sec's 3+10
Va. 21° E.

Descend

40.00

Set temporary 1/4 sec cor.

45.00

A creek, 7' wide, runs S.W.

63.00

Same creek, runs N.W.

80.22

Intersect 10' S. of the cor. to
Sec's 2, 3, 10+11

Thence I run

S 89° 56' N.

an irregular line bet. Sec's 3+10

40.11

Set a basalt stone 16 x 12 x 4 in 11 in
in the ground, for 1/4 sec cor., marked
1/4 in N. face, and raised a mound
of stone alongside

80.22

The cor. to Sec's 3, 4, 9+10

Land mountainous

Soil stony 3rd rate

Timber, scattering pine, fir and
tamarack with dense undergrowth
of buck brush

Subdivisions of T. 1 N. R. 37 E

Willamette Meridian, Oregon.

North on a random line bet. Secs 3 & 4
 Va. 21° E

Ascending

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

80.12 Intersect N. boundary 90 eds
 E. of the cor. to Secs 3, 4, 33 & 34
 which is a post 4 ins square, marked
 J 2 N. S. 34 on N. E.

R 37 E. S 3 on S. E.

J 1 N. S 4 on S. W. and

S 33 on N. W. faces, with 3 notches
 on E. & W. edges, from which

A fir 20 ins diam, bears S. 85° W. 295 eds
 dist., marked J 1 N. R 37 E. S 4. B. J.

and a mound of stone around post.

Thence I run

S. 02° 39' E. on a true line bet. Secs 3 & 4

40.12 Set a basalt stone $16 \times 10 \times 6$ ins 11 ins in
 the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on
 N. face, and raised a mound of
 stone along side

80.12 The line to Secs 3, 4, 9 & 0

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Subdivisions of T. 1 N. R. 36 E.

Willamette Meridian, Oregon.

Land mountainous
 Soil. stony 3rd rate
 Timber scattering pine, fir and
 tamarack, with dense undergrowth
 of mountain laurel

From the Cor. to Sec's 32 + 33 on
 the Base Line which is a post
 4 ins square, marked
 B.L. T. N. R. 37 E. on N.
 S 33 on E. and
 S 32 on N. faces, with 4 notches
 on E and 2 notches on N. faces, from which
 A tamarack 15 ins diam. bears N. 53° E. 15 lbs
 dist. marked T. N. R. 37 E. S 33. B. 2
 A fir 10 ins diam. bears S. 14° N. 26 lbs
 dist. marked T. S. R. 37 E. S 35. B. 2
 A tamarack 14 ins diam. bears N. 40° N. 26 lbs
 dist. marked T. N. R. 37 E. S 32. B. 2

From
 North
 bet. Sec's 32 + 33

Subdivisions of T. 1 N. R. 37 E

Willamette Meridian, Oregon.

Va. 70 1/2° E

Through timber

- 2.50 A brook, 4 lds wide, runs N.
 - 20.00 Top of ridge, about 150 ft. above brook, course N.
 - 35.00 Bottom of gulch, about 150 ft. below ridge; a brook, 5 lds wide, runs N.
 - 37.00 Leave heavy routes scattering timber
 - 40.00 Set a post 3 ft. long, 3 in square, 24 in in the ground, for 1/4 sec. cor., marked 1/4 S. on N. face, dug pits 18 x 18 x 12 in N. & S. of cor. 5 1/2 ft. dia., and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base, around post
 - 80.00 A point about 1000 ft. above brook; set a face all stone 18 x 12 x 6 in, 12 in in the ground, for cor. to Secs 28, 29, 32 & 33, marked with 1 notch on S. and 4 notches on E. edges, and raised a mound of stone along side
- Level mountainous x Soil 2 1/2" rate
- Heavily timbered with fir & hemlock on S. 3700 ch. scattering timber on remainder

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Subdivisions of T. 1 N. R. 37 E.

Willamette Meridian, Oregon.

East	on a random line bet. Sec's 28 + 33 Va. 21 1/4° E.
20.00	Dressed about 150 ft. to Bottom of gulch, course S.
40.00	Set temporary 1/4 sec. cor.
41.00	Top of ridge, about 100 ft. above gulch, course S.
60.00	Bottom of gulch, about 100 ft. below ridge, course S.
73.00	Top of ridge, about 100 ft. above gulch, course N. W.
79.66	Intersect 25 cor. N. of the cor. to Sec's 27, 28, 33 + 34 Thence I run N. 89° 49' W. on a true line bet. Sec's 28 + 33
39.83	Set a basalt stone 14 x 8 x 6 in 9 in in the ground, for 1/4 sec. cor., marked 1/4 on N. face, and raised a mound of stone along side
79.66	The cor. to Sec's 28, 29, 32 + 33 Land mountainous. Soil 2 nd rate Timber scattering pine fir & tamaracs Dense undergrowth of mountain laurel September 5 th 1882

Subdivisions of T. 1 N. R. 37 E. 59

Willamette Meridian, Oregon.

North bet. Secs 28 + 29

Va. $21\frac{1}{4}^{\circ}$ E.

Ascend

40.00 Set a post 3 ft. long, 3 ins square, 24 ins in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S. on N. face, from which
 A tamarac 20 ins diam ^{base} S. 40° E. 13 lks dist., marked $\frac{1}{4}$ S. B-D.

A tamarac 18 ins diam base S. 40° N. 9 lks dist., marked $\frac{1}{4}$ S. B-D.

45.00 Summit of mountain, course N. W.

80.00 Set a basalt stone 14 x 14 x 4 ins 9 ins in the ground, for cor. to Sec's 20, 21, 28 + 29 marked with 2 notches on S. and 4 notches on E. edges, from which
 A fir 8 ins diam. base S. 65° E. 43 lks dist., marked T. N. R. 37 E. S. 28. B-D.

A fir 10 ins diam. base S. 10° N. 20 lks dist., marked T. N. R. 37 E. S. 29. B-D.

no other tree within limits and raised a mound of stone along side

Subdivisions of T. 1 N. R. 37 E.

Willamette Meridian, Oregon.

Land mountainous
Soil 2nd rate
Heavily timbered with fir, pine and
Tamarack

East

on a random line bet Sec's 21 + 28
Va. 22° E.

- 7,00 Top of ridge, course N.
- 40,00 Set temporary 1/4 sec. cor.
- 41,00 Foot of hill, about 1500 ft. below last ridge, course N.W.
- 72,00 North fork of Meacham creek, 10 rods wide, runs N.W.
- 73,50 Ascend hill
- 80,36 I intersect 26 lots S. of the Cor to Sec's 21, 22, 27 + 28
Thence I run
S 89° 49' W on a true line bet Sec's 21 + 28
- 40,18 Set a basalt stone 16 x 12 x 4 ins 11 ins in the ground for 1/4 sec. cor, marked 1/4 on

Subdivisions of T. 1 N. R. 34 E.
Willamette Meridian, Oregon.

80.36 N. face, and raised a mound of
stone along side
The cor. to Sec's 20, 21, 28 + 29

Land mountainous
Soil stony 3rd rate
Timber, scattering pine, fir and
Tamarac with dense undergrowth
of yew, tamarac and buck brush

North Pit - Sec's 20 + 21

Va. 22° E.

40.00 Descend steep mountain
Set a basalt stone 14 x 10 x 7 in 9 in in
the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on
N. face, and raised a mound of stone
alongside

60.00 Bottom of canon, about 1500 ft. below
sec. cor.: N. fork of Meacham creek 10 lbs
wide, runs N. N.

70.00 Top of ridge, about 200 ft. above creek, corner N.

Subdivisions ¹⁶²

of T. 1 N. R. 37 E.

Willamette Meridian, Oregon.

80,00

Descend about 200 ft. to
 Set a basalt stone 16x8x8 in 11 in in
 the ground, for loc to Secs 16, 17, 20 +
 21, marked with 3 notches on S. and
 4 notches on E. edges. From which
 A fir 8 in diam. bears N. 60° E. 30 cks
 dist., marked S. 1 N. R. 37 E. S 16. B. J.
 An alder 3 in diam. bears S. 65° E. 7 cks
 dist., marked S. 1 N. R. 37 E. S 21. B. J.
 An alder 4 in diam. bears S. 70° N. 12 cks
 dist., marked S. 1 N. R. 37 E. S 20. B. J.
 An alder 7 in diam. bears N. 60° W. 32 cks
 dist., marked S. 1 N. R. 37 E. S 17. B. J.

Land mountainous

Soil stony 3rd rate

Timber, scattering fir & tamarack

Dense undergrowth of fir, tamarack,
 buck brush and alder

Subdivisions of T. 1 N. R. 37 E
Willamette Meridian, Oregon.

East on a random line bet. Sec's 16 + 21
Va. $20\frac{1}{2}^{\circ}$ E

Ascend steep hill

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

80.32 A point about 1500 ft. above sec. cor.;
Intersect 50 lbs S. of the Cor. to Sec's
15, 16, 21 + 22

Thence I run

S. $89^{\circ}39'$ N. on a true line bet. Sec's 16 + 21

40.16 Set a basalt stone $14 \times 14 \times 4$ in 9 in in
the ground. for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on
N. face, from which

A pine 28 in diam. bears N. 60° W. 166 lbs
dist. marked $\frac{1}{4}$ S. B. I.

A fir 12 in diam. bears S. 75° W. 111 lbs
dist. marked $\frac{1}{4}$ S. B. I.

80.32 The cor. to Sec's 16, 17, 20 + 21

Land mountainous

Soil 2 nd rate

Timber scattering fir & pine

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Subdivisions of T. 1 N. R. 37 E.

Willamette Meridian, Oregon.

North	<p>bet. Sec's 16 + 17</p> <p>Var. $20\frac{1}{2}^{\circ}$ E.</p>
0,50	A creek, 12 lds wide, runs S.W.
23,00	Top of ridge, about 150 ft above creek, course S.E.
36,00	Bottom of gulch, about 100 ft below ridge; a brook, 5 lds wide, runs S.E.
40,00	<p>Set a basalt stone $24 \times 16 \times 4$ ins, 18 ins in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, from which</p> <p>A pine 6 ins diam. bears S. 70° E. 19 lds dist., marked $\frac{1}{4}$ S. B-D.</p> <p>A fir 6 ins diam. bears N. 70° W. 32 lds dist., marked $\frac{1}{4}$ S. B-D.</p>
80,00	<p>Set a basalt stone $13 \times 11 \times 6$ ins 9 ins in the ground, for cor. to Sec's 8, 9, 16 + 17, marked with 4 notches on S + E. edges, from which</p> <p>A fir 15 ins diam. bears N. 50° E. 104 lds dist., marked S, N. R 37 E. S 9. B-D.</p> <p>A fir 8 ins diam. bears S. 87° E. 56 lds dist. marked S, N. R 37 E. S 16. B-D.</p> <p>no other tree within limits and raised a mound of stone along side</p>

Subdivisions of T. 1 N. R. 37 E

Willamette Meridian, Oregon.

Land mountainous
Soil stony 3rd rate
Timber scattering fir, pine and
Lamarack - Dense undergrowth of
buck brush -

September 6th 1882

East in a random line bet. Secs 9+16
No. 21° E.

Ascend about 100 ft. to

5.50 Top of ridge, course S.

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

45.00 Bottom of canon, about 600 ft. below ridge;
a creek, 80 ft wide, runs S. W.

80.36 Intersect 25th lot N. of the Cor. to Secs 9,
10, 15+16 -

Thence I run

N. 89° 49' W. in a true line bet. Secs 9+16

40.18 Set a basalt stone 14x10x6 ins 9 ins in the
ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N.
face and raised a mound of stone along side

80.36 The cor. to Secs 8, 9, 16+17

1886

Subdivisions of T. 1 N. R. 37 E

Willamette Meridian, Oregon.

Land mountainous
Soil 3rd rate
Timber, scattering fir + pine

North 4th Dec's 8 + 9

Va 210 E

Ascend along side hill

20.00

Cross ridge, course S-E

40.00

Set a basalt stone 14x10x10 ins 9 ins in the ground. for 1/4 sec. cor., marked 1/4 on N. face, and raised a mound of stone alongside

80.00

Set a post 4 ft. long, 4 ins square, 24 ins in the ground, for cor. to Dec's 4, 5, 8 + 9, marked

T. 1 N. 54 on N. E.

R 37 E. S 9 on S. E.

S 8 on S. N. and

S 5 on N. N. faces, with 5 notches on S and 4 notches on E. edges, from which
A fir 45 ins diam. bears N. 350 E. 54 lbs

Subdivisions of T. 1 N. R. 37 E.

Willamette Meridian, Oregon.

dist. marked T. N. R 37 E. S 4. B. D.

A spruce 14 ins diam. bears S. 40° E. 15 lbs

dist. marked T. N. R 37 E. S 9. B. D.

A fir 30 ins diam. bears S 70° N. 30 lbs

dist. marked T. N. R 37 E. S 8. B. D.

A fir 20 ins diam. bears N. 60° N. 150 lbs

dist. marked T. N. R 37 E. S 5. B. D.

Land mountainous

Soil stony 3rd rate

Timber, scattering pine, fir, tamarack and spruce, with dense undergrowth of brush

168
Subdivisions of T. 1 N. R. 37 E.
Willamette Meridian, Oregon.

East

on a random line bet. Sec's 4 + 9
Va. $19\frac{1}{2}^{\circ}$ E

Over mountainous land

40.00

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

80.16

Intersect 15' loc. S. of the cor. to Sec's

3, 4, 9 + 10

Thence I run

S. $89^{\circ} 54'$ N. on a true line bet. Sec's 4 + 9

40.08

Set a small stone $12 \times 10 \times 6$ in \times 8 in in
the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on
N. face, and raised a mound of
stone along side

80.16

The cor. to Sec's 4, 5, 8 + 9

Land mountainous

Soil, 2nd rate

Timber, scattering pine fir and
tamarack, with dense undergrowth
of mountain laurel

Subdivision of T. 1 N. R. 37 E.

Willamette Meridian, Oregon.

North on a random line bet. Secs 4 + 5
Va. $19\frac{1}{2}^{\circ}$ E.

Over mountainous land

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

80,10 Intersect N. boundary 152 rods E. of
the cor. to Secs 4, 5, 32 + 33 which is a
post 4 in square, marked

T 2 N. S 33 on N. E.

R 37 E. S 4 on S. E.

T 1 N. S 5 on S. W. and

S 32 on N. W. faces, with 4 notches on
E. and 2 notches on N. edges, from which
A fir 16 in diam. bears S. 39° N. 100 rods
dist. marked T 1 N. R 37 E. S 5. B. I.

A fir 24 in diam. bears N. 38° E. 130 rods
dist. marked T 2 N. R 37 E. S 33. B. I.

A fir 12 in diam. bears N. 20° N. 48 rods
dist. marked T 2 N. R 37 E. S 32. B. I.

and a mound of stone around post

Thence I run

S. 1° 5' E. on a true line bet. Secs 4 + 5

40,10 Set a post 3 ft. long, 3 in square, 24 in

170

Subdivisions of T. 1 N. R. 37 E.

Willamette Meridian, Oregon.

in the ground. for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ S in N. face. from which
 A tamarack 20 in diam. bears S. 30° E. 23
 lbs dist. marked $\frac{1}{4}$ S. B. I.
 A fir 22 in diam. bears S. 40° W. 17 lbs
 dist. marked $\frac{1}{4}$ S. B. I.

80,10

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

Land mountainous
 Soil sandy loam - 2nd rate
 Timber, fir, pine, tamarack
 & spruce. Dense undergrowth
 of mountain laurel

Subdivisions of T. 1 N. R. 34 E

Willamette Meridian, Oregon.

I run the Cor. to Sec's 31 & 32 on the Base Line, which is a post, 4 in square, marked

B.L. S. N. R 34 E. on N.

S 32 on E. and

S 31 on N. faces, with 5 notches on E. and 1 notch on N. faces, from which a fir 10 in dia. bears N. 80° E. 50 lbs dist., marked S. N. R 34 E. S 32. B.L.

A pine 10 in dia. bears S. 50° E. 46 lbs dist., marked S. R 34 E. S 6. B.L.

A fir 7 in dia. bears N. 20° W. 72 lbs dist., marked S. N. R 34 E. S 31. B.L.

I run

North bet Sec's 31 & 32

Va. 20 1/2° E

Through timber

- 1.00 Dry bed of creek, 25 lbs wide, runs N.W.
- 5.00 Ascend hill about 200 ft to
- 29.00 Top of ridge, course N.W.
- 34.50 Bottom of gulch, about 200 ft below ridge; a creek, 6 lbs wide, runs N.W.

Subdivisions of T. 1 N. R. 34 E.

Willamette Meridian, Oregon.

40.00 Set a basalt stone 16x7x5 in 11 in in the ground, for 1/4 sec. cor., marked 1/4 on N. face, from which

A pine 14 in diam, bears S. 75° E. 39 lbs dist., marked 1/4 S. B.D.

A pine 7 in diam, bears N. 15° W. 55 lbs dist., marked 1/4 S. B.D.

61.50 Top of ridge, about 250 ft above creek, course N.

68.50 Bottom of gulch, about 100 ft below ridge, course N.

80.00 Set a basalt stone 15x8x5 in 10 in in the ground, for cor. to Secs 29, 30, 31 + 32 marked with 1 notch on S. and 5 notches on E. edges, from which

A fir 24 in diam, bears N. 50° E. 60 lbs dist., marked S, N, R 34 E, S 29, B.D.

A fir 7 in diam, bears S. 80° W. 38 lbs dist., marked S, N, R 34 E, S 31, B.D.

A fir 20 in diam, bears N. 20° W. 77 lbs dist., marked S, N, R 34 E, S 30, B.D.

no other tree within limits and raised

Subdivisions of T. 1 N. R. 37 E. 173
Willamette Meridian, Oregon.

a mound of stone alongside

Land mountainous

Soil 2nd & 3rd rate

Trees scattering fir pine and
tamarack, with dense undergrowth
of buck brush

September 7th 1882

East on a random line bet. Sec's 29 + 32
Va. 210 E

Ascend

40.00 Set temporary 1/4 sec. cor.

49.78 Intersect 13 loc. N. of the Cor. to Sec's

28, 29, 32 + 33

Thence I run

N. 89° 54' W on a true line bet. Sec's 29 + 32

39.89 Set a basalt stone 17x10x4 in 11 in in
the ground. for 1/4 sec. cor., marked 1/4 on
N. face, and raised a mound of stone
alongside

49.78 The Cor. to Sec's 29, 30, 31 + 32

174

Subdivisions of T. 1 N. R. 37 E.

Willamette Meridian, Oregon.

Land mountainous
Soil 2nd rate
Timber, scattering fir & pine with
dense undergrowth of brush & oak

Meet

in a random line bet Sec's 30 & 31
T. 21° E.

Descend

40,00

Get temporary 1/4 sec. cor.

43,50

Bottom of canon, about 700 ft. below sec. cor.
a creek, 10 lks wide, runs N.W.

90,00

Top of ridge, about 1000 ft. above creek, course N.

103,24

Intersect N. boundary 64 lks S. of the
Cor. to Sec's 30, 31, 25 & 36 which is a
post 4 in square, marked

T. 1 N. S 30 on N.E.

R 37 E. S 31 on S.E.

R 36 E. S 36 on S.W. ⁴ lks

S 25 on N.W. faces, with 1 notch on S.

4th 5 notches on N. edges, from which

A pine 24 in diam. bears N. 50° W. 360 lks

Subdivisions of T. 1 N. R. 37 E. 175

Willamette Meridian, Oregon.

dist. marked $\frac{1}{4}$ N. R. 36 E. S. 25. B. D.
and a mound of stone around post
Thence I run

S. 89° 39' E. on a true line bet Secs 30 + 31

6324 Set a for all stone 18 x 7 x 5 in 12 in in the
ground. for $\frac{1}{4}$ sec cr., marked $\frac{1}{4}$ on N. face.
from which

A pine 12 in diam. bears N. 35° W. 28 cks
dist. marked $\frac{1}{4}$ S. B. D.

A fir 7 in diam. bears S. 10° E. 22 cks
dist. marked $\frac{1}{4}$ S. B. D.

10324 The cr. to Secs 29, 30, 31 + 32

Land mountainous

Soil stony 3rd rate

Timber, scattering pine, fir and
tamarack

176
Subdivisions of T. 1 N. R. 34 E.

Willamette Meridian, Oregon.

North

bet. Sec's 29 + 30

Va 210 E.

Ascend about 250 ft to

17.00

Top of ridge, course N.

40.00

Set a basalt stone 15 x 9 x 6 in 10 in in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, and raised a mound of stone alongside

80.00

Set a post 4 ft. long, 4 in square, 24 in in the ground, for cor. to Sec's 19, 20, 29 + 30, marked

S, N. S 20 on N.E.

R 34 E. S 29 on S.E.

S 30 on S.W. and

S 19 on N.W. faces, with 2 notches on S. and 4 notches on E. edges, from which

A fir 18 in diam, bears N. 40° E. 117 cor. dist., marked S, N. R 34 E. S 20. B.D.

A fir 20 in diam, bears S. 55° E. 14 cor. dist., marked S, N. R 34 E. S 29. B.D.

A fir 6 in diam, bears S. 50° N. 40 cor. dist., marked S, N. R 34 E. S 30. B.D.

Subdivisions of T. 1 N. R. 37 E.
Willamette Meridian, Oregon.

A fir 4 ins diam. trunk N. 65° W. 40 lbs
diam. marked S. 1 N. R. 37 E. S. 19. B. 2

Land mountainous
Soil 2nd + 3rd rate
Timber scattering fir Tamarack
& pine, with dense undergrowth
of buck brush

-
- East on a ranch line bet. Sec's 20 + 29
Va. 20 1/4° E
- Ascend about 100 ft. to
 - 9.00 Top of ridge, course N.
 - 19.00 Bottom of gulch, about 100 ft. below
ridge, course N.
 - 40.00 Set temporary 1/4 sec. cor.
 - 48.00 Top of ridge, about 500 ft. above gulch, course N.
Descend about 150 ft. to
 - 63.00 A spring branch, 3 lbs wide, runs N.
 - 80.14 Intersect 42 lots N. of the Cor. to Sec's
20, 21, 28 + 29

Subdivisions of T. 1 N. R. 37 E.

Willamette Meridian, Oregon.

Thence I run

N. 89° 42' W. on a true line bet. Sec's 20 + 29

40.07 Set a post 3 ft long, 3 in square, 24 in in the ground. from 4 sec. em. marked 1/4 S. on N. face, from which

A fir 18 in diam. bears N. 30° W. 36 lbs dist., marked 1/4 S. B. D.

A fir 20 in diam. bears S. 25° E. 16 lbs dist., marked 1/4 S. B. D.

80.14 The line to Sec's 19, 20, 29 + 30

Land mountainous

Soil 2nd + 3rd sects

Heavily timbered with pine, fir, tamaracs. Dense undergrowth of pine, fir + buck brush

Subdivisions of T. 1 N. R. 34 E
Willamette Meridian, Oregon.

Met	on a random line bet. Secs 19 + 30 Va. $20\frac{1}{4}^{\circ}$ E.
7.50	Descend through timber Foot of hill, about 200 ft below cor., course S. N.
10.00	N. fork of Machan creek, 30 lks wide, runs S. N.
20.00	Foot of hill - Ascend
40.00	Set temporary $\frac{1}{4}$ sec. cor.
50.00	Top of ridge, about 1000 ft above creek, course S. E.
99.00	Bottom of canon about 1000 ft below ridge, course S. E.
103.64	Intersect N. boundary 44 lks S. of the cor. to Secs 19, 30, 24 + 25 which is 4 flat stones laid flat ways ^{on each other} , 14 x 14 ins marked with a + on top and D, N. S 19 on N. E. R 34 E. S 30 on S. E. R 36 E. S 25 on S. N. and S 24 on N. N. angles of +, from which a pine 18 ins diam. bears S. 28 N. 48 lks

Subdivisions of T. 1 N. R. 37 E.

Willamette Meridian, Oregon.

dist., marked S. N. R 36 E S 25 - B. J.

Thence I run

S. 89° 47' E on a true line bet. Sec's 19 + 30

63.64 Set a basalt stone 18 x 10 x 4 ins 12 ins in
the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on
N. face, from which

A cherry 4 ins diam. bears N. 25° E. 20 lbs
dist., marked $\frac{1}{4}$ S. B. J.

A fir 20 ins diam. bears S. 10° W. 61 lbs
dist., marked $\frac{1}{4}$ S. B. J.

103.64 The cor. to Sec's 19, 20, 29 + 30

Sand mountainous

Soil sandy loam & stony 2nd + 3rd rates
Timber, scattering pine, fir and
tamarack

September 8th 1852

Subdivisions of T. 1 N. R. 37 E.
 Willamette Meridian, Oregon.

North bet. Secs 19 + 20

Va. $29\frac{1}{4}^{\circ}$ E.

9.00 Descend about 200 ft. to
 North fork of Meacham creek, 30 rods
 wide, runs S. W.

11.00 Ascend hill

40.00 Put a basalt stone $14 \times 6 \times 6$ ins 9 ins in
 the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on
 N. face, from which

A pine 8 ins diam. bears N. 25° E. 139 rods
 dist., marked $\frac{1}{4}$ S. B. J.

A pine 10 ins diam. bears N. 55° W. 185 rods
 dist., marked $\frac{1}{4}$ S. B. J.

61.00 Top of ridge, about 1000 ft. above
 creek, course S. E.

Descend about 300 ft. to

79.00 Bottom of gulch, course S. E.

80.00 Put a basalt stone $24 \times 10 \times 8$ ins, 18 ins
 in the ground, for cor. to Secs 17, 18, 19
 + 20, marked with 3 notches on S. and
 5 notches on E. edges, from which

A fir 24 ins diam. bears N. 40° E. 133 rods

182
Subdivisions

of T. 1 N. R. 34 E.

Willamette Meridian, Oregon.

dist. marked S. N. R. 34 E. S. 17. B. J.

A cherry 4 in dia. bears S. 45° E. 8 in

dist. marked S. N. R. 34 E. S. 20. B. J.

A pine 36 in dia. bears N. 80° W. 260 in

dist. marked S. N. R. 34 E. S. 18. B. J.

no other trees within limits and
raised a mound of stone alongside

Land mountainous
Soil stony 3rd rate

Timber scattering fir & pine.

Dense undergrowth of mountain
laurel & vine maple.

Subdivisions of T. 1 N. R. 37 E.
Willamette Meridian, Oregon.

East

on a random line bet. Sec's 17+20
Va. $20\frac{1}{4}^{\circ}$ E

Over rough mountainous land

40.00

Set temporary $\frac{1}{4}$ sec. cr.

80.00

A creek, 12 lbs wide, runs S. W.

80.36

Intersect 18 lbs N. of the Cr. to Sec's
16, 17, 20+21

Hence from

N. $89^{\circ} 52'$ W. on a true line bet. Sec's 17+20

40.18

Set a basalt stone $12 \times 12 \times 10$ in., 8 in
in the ground, for $\frac{1}{4}$ sec. cr., marked
 $\frac{1}{4}$ on N. face, and raised a mound of
stone alongside

80.36

The Cr. to Sec's 17, 18, 19+20

Land mountainous

Soil 2nd rate

Timber, scattering pine & fir

Dense undergrowth of mountain
laurel

Subdivisions of T. 1 N. R. 37 E.
Willamette Meridian, Oregon.

West

in a random line bet. Sec's 18 + 19
Va. 20 1/4° E.

0.75 Descend about 75 ft. to
Bottom of gulch, course S. E.

28.50 Ascend about 700 ft. to
Top of ridge, course S. E.

40.00 Set temporary 1/4 sec. cor.

50.00 Bottom of canon, about 1000 ft. below ridge;
a spring branch, 3 lks wide, runs S. E.

103.35 Intersect N. boundary 12 lks S. of the
Cor. to Sec's 18, 19, 13 + 24 which is a
post 4 ins square, marked
S, N. S 18 on N. E.
R 37 E. S 19 on S. E.
R 36 E. S 24 on S. N. and
S 13 on N. N. faces, with 3 notches
on N. + S. edges, from which
A pin 24 ins diam. bears N. 50° E. 119 lks
dist., marked S, N. R 37 E. S 18. B. J.
A pin 24 ins diam. bears N. 61° N. 80 lks
dist., marked S, N. R 36 E. S 13. B. J.
A pin 16 ins diam. bears S. 67° N. 62 lks

Subdivisions of T. 1 N. R. 34 E. S 24. B. 2
Willamette Meridian, Oregon.

185

dist. marked S. N. R 36 E. S 24. B. 2
Thence I run

389° 56' E. on a true line bet Sec's 18 + 19

63,30' Set a basalt stone 14x14x8 in 9 in in
the ground. for 1/4 sec. cor., marked 1/4
on N. face, and raised a mound
of stone alongside

10335' The cor. to Sec's 17, 18, 19 + 20

Land mountainous

Soil stony 3rd rate

Scattering fir, pine & hardwood timber

Dense undergrowth of buck brush

Subdivisions of T. 1 N. R. 34 E.

Willamette Meridian, Oregon.

North

bet. Sec's 17 & 18

Ta. $20\frac{1}{4}^{\circ}$ E.

Ascend

40,00

Set a basalt stone $14 \times 10 \times 6$ in 9 in in the ground, for $\frac{1}{4}$ sec. cr., marked $\frac{1}{4}$ on N. face, and raised a mound of

64,00

stone, along side Summit of mountain, course E. Descend

80,00

Set a basalt stone $17 \times 12 \times 10$ in 11 in in the ground, for Cor. to Sec's 7, 8, 17 & 18, marked with 4 notches on S, and 5 notches on E. edges from which

A tamarack 3 in diam. bears N. 40° E. 96 lks dist., marked T, N. R. 34 E. S. 8. B. J.

A fir 3 in diam bears S. 25° E. 26 lks dist., marked T, N. R. 34 E. S. 17. B. J.

A fir 3 in diam. bears S. 25° N. 30 lks dist., marked T, N. R. 34 E. S. 18. B. J.

A tamarack 4 in diam. bears N. 50° N. 62 lks dist., marked T, N. R. 34 E. S. 4. B. J.

Land mountainous. Soil 3 $\frac{1}{2}$ rods scattering pine, fir & tamarack timber.

Dense undergrowth of pine, fir tamarack and buck brush

Subdivisions of T. 1 N. R. 37 E.
Willamette Meridian, Oregon.

East on a random line bet. Secs 8+17
N. 20 1/2° E.

40.00 Descend mountain through brush
Set temporary 1/4 sec. cor.
49.50 Bottom of canon, about 1000 ft. below cor.,
a brook, 5 lbs wide, runs S.

Ascend about 600 ft. to
80.54 Intersect 45 lbs S. of the Cor. to Sec's
8, 9, 16+17
Thence I run

S. 89° 41' N. on a true line bet. Sec's 8+17
40.27 Set a post 3 ft. long, 3 in square, 2 1/2 in
in the ground, for 1/4 sec. cor., marked
1/4 S. on N. face, from which
A fir 5 in diam. bears N. 25° W. 25 lbs
dist., marked 1/4 S. B. J.
A fir 15 in diam. bears S. 20° E. 25 lbs
dist., marked 1/4 S. B. J.

80.54 The Cor. to Secs 7, 8, 17+18.
Land mountainous. Soil stony 3rd rate
Scattering fir, pine & tamarack timber.
Dense undergrowth of young fir, pine & tamarack
September 9th 1882

188
Subdivisions of T. 1 N. R. 34 E.

Willamette Meridian, Oregon.

West

on a random line bet. Secs 7 & 18

Va. $20\frac{1}{2}^{\circ}$ E.

Ascend through brush & timber

40.00

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

45.00

Top of ridge, course S.

68.50

Bottom of gulch, about 100 ft deep, course S.

94.50

Top of ridge, about 100 ft above gulch, course S.

103.50

Intersect N. boundary 45' S. of
the cor. to Secs 7, 18, 12 & 13 which is
a stone 24×30 ins, marked with a +
on N. face and

I, N. S 7 on N. E.

R 37 E. S 18 on S. E.

R 36 E. S 13 on S. N. and

S 12 on the N. N. angles of + with 4 notches
on S. and 2 notches on N. edges, from which

A pine 24 in diam. bears S. 2° N. 200' like
dist. marked I, N. R 36 E. S 13. B. D.

Hence I run

S. $89^{\circ} 45'$ E. on a true line bet. Secs 7 & 18

63.50

Set a basalt stone $18 \times 16 \times 10$ ins, 12 ins in
the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on

Subdivisions

of T. 1 N.

R. 87 E

Willamette Meridian, Oregon.

N. face, from which

A tamarac 15 ins diam. bran N. 45° E. 113

lks dist., marked 1/4 S. B. J.

A fir 40 ins diam. bran S. 65° E. 200

lks dist., marked 1/4 S. B. J.

103,50

The loc. to Sec's 7, 8, 17 & 18

Land mountainous

Soil sandy loam & stony 2nd & 3rd rates

Timber scattering fir, pine and

tamarac. Dense undergrowth

of fir, pine, tamarac and brush

Subdivision of T. 1 N. R. 37 E.

Willamette Meridian, Oregon.

North bet. Sec's 7+8

Var. 20 1/2° E.

40.00 Descend through brush & timber
 Set a post 3 ft long, 3 in square, 24 in
 in the ground, for 1/4 sec. cor., marked 1/4 S.
 on N. face, from which
 A fir 4 in diam. bears East 33° like
 dist., marked 1/4 S. B. I.

A fir 5 in diam. bears S. 50° N. 17° like
 dist., marked 1/4 S. B. I.

48.00 Bottom of canon, about 300 ft. below
 last sec. cor.; a brook, 5' like wide, runs S. E.

Ascend about 600 ft. to
 Top of ridge, course S. E.

80.00 Set a post 4 ft long, 4 in square, 24 in
 in the ground, for cor. to Sec's 5, 6, 7+8
 marked

S 1 N. S 5 on N. E.

R 37 E. S 8 on S. E.

S 7 on S. W. and

S 6 on N. W. faces, with 5 notches on
 S. & E. edges. From which

Subdivisions of T. 1 N. R. 34 E. 191

Willamette Meridian, Oregon.

A fir 8 ins diam. bears N. 10° E. 45 eds
dist. marked T. N. R. 34 E. S. 5. B. 2.

A fir 14 ins diam. bears S. 40° E. 30 eds
dist. marked T. N. R. 34 E. S. 8. B. 2.

A fir 12 ins diam. bears S. 10° W. 41 eds
dist. marked T. N. R. 34 E. S. 7. B. 2.

A fir 20 ins. diam. bears N. 40° W. 32 eds
dist. marked T. N. R. 34 E. S. 6. B. 2.

Land mountainous
Soil 2 rates

Timber scattering pine, fir and
tamaracs. Dense undergrowth
of pine, fir tamaracs and mountain
laurel

Subdivisions of T. 1 N. R. 58 E.

Willamette Meridian, Oregon.

East

in a random line bet. Sec's 5 & 8
Va. 190 E.

14.00

Bottom of gulch, about 100 ft. below cor.,
course S. E.

40.00

Set temporary 1/4 sec cor.

51.50

Top of ridge, about 300 ft. above
gulch, course S. E.

79.92

Intersect 25' W. S. of the cor. to Sec's
4, 5, 8 & 9

Thence I run

S. 89° 49' W. on a true line bet. Sec's 5 & 8

39.96

Set a basalt stone 12 x 10 x 8 in., 8 in. in
the ground, for 1/4 sec cor., marked 1/4 on
N. face, from which

A fir 5 in diam. bears N. 50° E. 11' cor. dist.,
marked 1/4 S. B. D.

A fir 8 in diam. bears S. 10° E. 26' cor. dist.,
marked 1/4 S. B. D.

79.92

The cor. to Sec's 5, 6, 7 & 8

Land mountainous. Soil 2nd rate

Heavily timbered with fir, pine & tamarack

Dense undergrowth of mountain laurel

Subdivisions of T. 1 N. R. 34 E 193

Willamette Meridian, Oregon.

West

in a random line bet. Secs 6 & 7

Va. 190 E.

Through timber

40.00

Set temporary 1/4 sec. cor.

103.70

Intersect N. boundary 10 rods S. of the cor. to Secs 6, 7, 1 & 12 which is a post 4 in square, marked

T. N. S 6 on N. E.

R 34 E. S 7 on S. E.

R 36 E. S 12 on S. N. and

S 1 on N. N. face, with 1 notch on N. and 5 notches on S. edges, from which

A fir 12 in diam. brass S 41° N. 50 rods dist. marked T. N. R 36 E. S 12. B. D.

A fir 20 in diam. brass S. 57° E. 62 rods dist. marked T. N. R 34 E. S 7. B. D.

A fir 30 in diam. brass N. 38° E. 57 rods dist. marked T. N. R 34 E. S 6. B. D.

A fir 14 in diam. brass N 130° N. 52 rods dist. marked T. N. R 36 E. S 1. B. D.

Thence I run

S. 89° 57' E. on a true line bet. Secs 6 & 7

104
Subdivisions of T. 1 N. R. 37 E.

Willamette Meridian, Oregon

63,70 Set a post 3 ft. long, 3 ins square, 24 ins
 in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S
 on N. face, from which
 A fir 28 ins diam. bears N. 10° E. 23 lks
 dist., marked $\frac{1}{4}$ S. B. I -
 A fir 16 ins diam. bears S. 30° E. 158 lks
 dist., marked $\frac{1}{4}$ S. B. I -

103,70 The lvs to Sec's 5, 6, 7 & 8

Land mountainous
 Soil 2nd rate
 Heavily timbered with fir, pine and
 tamarac. Dense undergrowth
 of fir pine tamarac & alder -

Subdivisions of T. 1 N. R. 37 E. 195

Willamette Meridian, Oregon.

North on a random line bet Deer 5 & 6

No. 19° E

Through timber

15.00

Bottom of gulch, about 100 ft below
cor. course S. E.

24.00

Top of ridge, about 75 ft above
gulch, course E.

40.00

Set temporary 1/4 sec. cor.

68.00

Bottom of gulch, about 100 ft deep, course N. E.

80.76

Intersect N. boundary 211 like E. of the
cor. to Deer 5, 6, 31 + 32 which is a

post 4 in square, marked

T 2 N. S 32 on N. E.

R 37 E. S 5 on S. E.

T 2 S. S 6 on S. N. and

S 31 on N. N. faces, with 5 notches on
E and 1 notch on N. edges, from which

A fir 16 in diam bears S. 39° N. 100 lds
dist., marked T. N. R 37 E. S 6. B. 3

A fir 24 in diam bears N. 38° E. 130 lds
dist., marked T. N. R 37 E. S 32. B. 3

A fir 12 in diam bears N. 20° N. 48 lds

Subdivisions of T. 1 N. R. 36 E.

Willamette Meridian, Oregon,

dist. marked In R 37 E. S 31 - B 2
and mound of stone around post
Thence I run

S 10 30' E on a true line bet. Secs 5 + 6

40, 76 Set a post 3 ft long, 3 in square, 2 1/2 in
in the ground for 1/4 sec. cor. marked
1/4 S on N. face, from which

An alder 4 in diam bears S. 30° E 20 cks
dist. marked 1/4 S. B 2.

An alder 4 in diam bears S 40° N. 11 cks
dist. marked 1/4 S. B 2.

80, 76 The cor. to Secs 5, 6, 7 + 8

Land mountainous

Soil 2nd rate

Heavily timbered with pine, fir
tamarack - Dense undergrowth of
pine, fir, tamarack + alder

September 10th 1882

Willamette Meridian, Oregon.

General Description

The land in this township is entirely rough and mountainous. The soil is mostly third rate, but there is some fair second rate. There is an abundance of bunch grass over most of the hills and it is splendid for grazing purposes. The entire township is covered with pine, fir and tamarack timber, mostly scattering but quite dense in places. The timber is of good quality, but is too scarce and secluded to be of much value.

I found no settler in this township

Arman D. Gradon
U.S. Dept. Surveyor

FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by Kuman
H. G. Gradin, 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
Range 37 East lines of Township 1 North
Willamette Meridian, Oregon,
 showing the respective capacities in which they acted:

- Abraham Blanchard, Compassman.
- Henry King, Chainman.
- , Chainman.
- , Chainman.
- Geo. W. Huitt, Chainman.
- , Axeman.
- , Axeman.
- , Flagman.

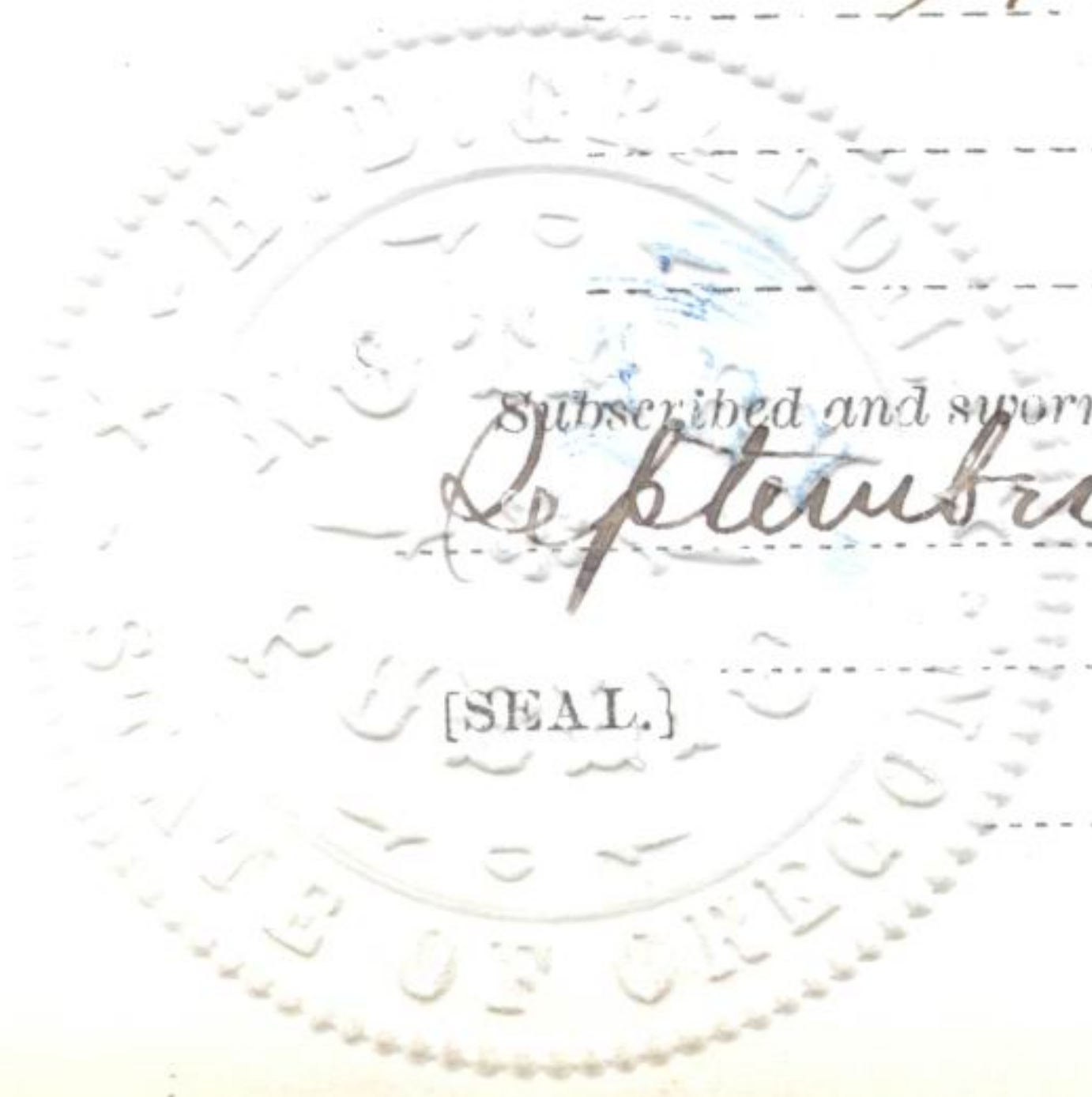
FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted Kuman D.
Gradin, U. S. Deputy Surveyor, in surveying all
 those parts or portions of the subdivisional lines
North, Range 37 East of Township 1
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 es-
 tablished, according to the instructions furnished by the U. S. Surveyor General of
 Oregon.

- Abraham Blanchard, Compassman.
- Henry King, Chainman.
- , Chainman.
- , Chainman.
- Geo. W. Huitt, Chainman.
- , Axeman.
- , Axeman.
- , Flagman.

Subscribed and sworn to before me, this Eleventh day of

September 1888
H. G. Gradin
Notary Public



FINAL OATH OF DEPUTY SURVEYOR.

I, Herman D. Gradon

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

structions received from James C. Colman

U. S. Surveyor General for Oregon, bearing date of the 16th

day of June, 1882 I have well, faith-

fully and truly, in my own proper person, and in strict conformity with the instructions furnished by the U. S. Surveyor General for Oregon, the Surveying Manual, and the laws of the United States, surveying all those

parts or portions of the subdivisional lines of S. 1, N. R 34 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 directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Surveying Manual, printed instructions, the special written instructions of the U. S. Surveyor General for Oregon, and in the specific manner described in the field notes, and that the foregoing are the *true* field notes of such survey, and should any fraud be detected I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Herman D. Gradon
U. S. Deputy Surveyor.

Subscribed and sworn to before me, this 22^d

day of December 1882

Bamford Robb
Notary Public

Office U. S. Surveyor General,

Portland, Oregon, *March 31* 1883The ~~following~~ ^{forgoing} Field Notes of the Survey of the

*Subdivisional lines of Township 1 North
Range 37 East Will. Mer. Oregon*

executed by *Herman D. Graden* U.S. Dept Surv

under his Contract No. *2452*, dated *June 16, 1882*

1882, having been critically examined, the
necessary corrections and explanations made, the said field notes
and the survey they describe, are hereby approved.

James C. Tolman
Surveyor General.

