

FIELD NOTES

421

Of the survey of the Subdivisional

Lines of Township 1 North,

Range 36 East, Willamette Meridian,

Oregon, as surveyed by Herwan D. Goaden

U. S. Deputy Surveyor, under his Contract No. 452

dated June 16" , 188 2

Survey commenced, September 13" 188 2

Survey completed, " 23" 188 2

NAMES AND DUTIES OF ASSISTANTS.

....., Compassman.

Abraham Blanchard, Chainman.

Henry King, Chainman.

....., Chainman.

....., Chainman.

Geo. H. Hutt, Axeman.

....., Axeman.

....., Flagman.

PRELIMINARY OATHS OF ASSISTANTS:

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 36 East Willamette Meridian, Oregon.

Abraham Blanchard, Chainman.

Henry King, Chainman.

, Chainman.

, Chainman.

Subscribed and sworn to before me, this *Eleventh*

day of *September* 188 *2*

[SEAL.]

H. D. Goaden
Notary Public

I *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. 1 N. R. 36 E. Willamette Meridian, Oregon.

Geo. W. Huitt, Axeman.

, Axeman.

Subscribed and sworn to before me, this *Eleventh*

day of *September* 188 *2*

[SEAL.]

H. D. Goaden
Notary Public

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— 1 —

Subdivisions of T. 1 N. R. 36 E. 431
Willamette Meridian, Oregon.

Preliminary to subdividing this township I ran North on a line on the E. boundary of Sec 36 and at 40.03 chs I found the 14 sec. cor. and at 80.04 chs I found the sec. cor., I have reworked the Base Line which is the S. boundary and do not again retrace it. My compass will therefore run the same line as the exterior boundaries and the chaining practically agrees.

Survey commenced September 13th 1882 with a Burt's improved solar compass.

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

Willamette Meridian, Oregon.

East on a random line bet Dec's 25 + 36
Va 22° E

Ascend along steep hillside

40.00 Set temporary 1/4 sec. cor.

80.62 Intersect E. boundary 40 lbs S.
of the line to Dec's 25, 36, 30 + 31 which
is a post 4 ins square, marked

T, N. S 30 on N. E

R 37 E. S 31 on S. E

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

S 25 on N. N. faces, with 1 notch on
S. and 5 notches on N. edges, from which
A pine 24 ins diam. bears N. 50° W. 360 lbs
dist., marked T, N. R 36 E. S 26. B. I.
and mound of stone around post —

Thence I run

S 89° 43' N on a true line bet Dec's 25 + 36

40.31 Set a basalt stone 14 x 12 x 4 ins 9 ins in
the ground, for 1/4 sec. cor., marked 1/4
on N. face, from which

A fir 30 ins diam. bears N. 10° E. 248 lbs
dist., marked 1/4 S. B. I.

Subdivisions of T. 1 N R. 36 435

Willamette Meridian, Oregon.

A fir 7 in diam, base S. 50 N. 55 lbs
dist. marked 1/4 S. B. D.

8062 The loc. to Sec's 25, 26, 35 & 36

Land mountainous
Soil, stony & slate
Heavily timbered with fir, tamarac
& pine

North bit - Sec's 25 & 26
Va 22° E

21.00 Descend about 250 ft. to
North fork of Meacham creek, 30 lbs
wide, flows S. N.

22.00 Leave heavy & scattered timber

37.50 Top of ridge, about 400 ft above creek,
course S. E.

40.00 Get a basalt stone 15 x 12 x 6 in, 10 in in
the ground, for 1/4 sec cor., marked 1/4 on
N. face, and raised a mound of
stone alongside

436
Subdivisions of T. 1 N. R. 36 E.

Willamette Meridian, Oregon.

- 46.00 Bottom of gulch. about 250 ft. below ridge. course S-E.
- 77.00 Top of ridge, about 500 ft. above gulch. course S-E.
- 80.00 Put a basalt stone 20 x 12 x 3 ins. 13 ins in the ground. for cor. to Sec's 23, 24, 25 & 26. marked with 2 notches on S. and 1 notch on E. edges and raised a mound of stone alongside

Sand mountainous
 Soil, sandy loam & stony 2nd & 3rd rat
 Timber, scattering fir, pine and
 Kamaoak

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

Willamette Meridian, Oregon.

East in a random line bet Decs 24+25
Va. 190 E.

Descend about 500 ft to

23.00 Dry bed of creek, course S-E.

40.00 Set temporary 1/4 sec. cor.

49.00 Top of ridge about 400 ft above creek
bed, course S.

Descend about 800 ft to

80.30 Intersect E. boundary 25' W. S. of
the cor. to Dec's 24, 25, 19+30 which is
4 flat stones laid flat ways on
each other marked with a + on top
and S, N, S 19 on N.E.

R 37 E. S 30 on S.E.

R 36 E. S 25 on S.W. and

S 24 on N.W. angles of +. From which
a pine 18 ins diam bears S. 280 N. 78 W. cor
dist. marked S, N. R 36 E. S 25. B. S.

Thence I run

S. 89° 49' N. a true line bet Dec's 24+25

40.15 Set a basalt stone 14x6x6 ins. 9 ins in the
ground, for 1/4 sec. cor., marked 1/4 on N.

face, and raised a mound of stone
alongside

80.30 The cor. to Sec's 23, 24, 25 & 26

Land mountainous

Soil stony 3rd & 4th sat

Timber scattering pine fir

North Sect. Sec's 23 & 24

Ta. 190 E

Descend about 300 ft. to

25.00 Bottom of gulch, corner S E

40.00 Set a basalt stone 16 x 8 x 6 ins, 11 ins
in the ground, for 1/4 sec cor., marked
1/4 on N. face, from which

A pine 10 ins diam. bears S. 45° E. 145 lbs
dist., marked 1/4 S. B. D.

A pine 40 ins diam. bears S. 80° W. 110 lbs
dist., marked 1/4 S. B. D.

80.00 A point about 900 ft. above gulch;
Set a basalt stone 13 x 12 x 4 ins, 9 ins
in the ground, for cor. to Sec's 13, 14,

Subdivisions of T. 1 N. R. 3 E 438

Willamette Meridian, Oregon.

23 + 24, marked with 3 notches in S. and 1 notch in E. edges, and raised a mound of stone alongside

Land mountainous
Soil 2nd rate

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

East in a random line bet Dec's 13 + 24

Va 23 1/2° E

Ascend about 75 ft to

5.00 Top of ridge, course S-E-

40.00 Set temporary 1/4 sec. cor.

41.50 Bottom of gulch, about 300 ft. below ridge, course S-E-

62.50 Top of ridge, about 400 ft. above gulch, course S-E-

Descend about 300 ft to

80.16 Intersect 10 loc S. of the Cor. to Dec's 13, 24, 18 + 19 which is a post 4 ins

440
Subdivisions of T. N. R. 36 E.

Willamette Meridian, Oregon.

square, marked

S. 1 S. 5 18 on N. E.

R 37 E. S 19 on S. E.

R 36 E. S 24 on S. W. and

S 13 on N. W. faces with 3 notches on
N. S. edges. from which

A pine 24 ins diam. bears N 50° E. 119 lks
dist. marked S. N. R 37 E. S 18. B. D.

A fir 24 ins diam. bears N 61° W. 80 lks
dist. marked S. N. R 36 E. S 13. B. D.

A pine 16 ins diam. bears S 67° W. 62 lks
dist. marked S. N. R 36 E. S 24. B. D.

Thence from

S. 89° 56' W. on a true line bet. Secs 13 + 24

40.08 Set a barometer 18 x 12 x 8 ins. 17 ins in
the ground. for 1/4 sec. marked 1/4
on N. face. from which

A pine 6 ins diam. bears N 25° E. 103 lks
dist. marked 1/4 S. B. D.

A fir 4 ins diam. bears S 20° W. 77 lks
dist. marked 1/4 S. B. D.

80.16 The cor. to Secs 13, 14, 23 + 24

Subdivisions of T. 1 N. R. 36 E. 441

Willamette Meridian, Oregon.

Land mountainous
Soil 2nd rate
Timber, scattering fir, pine and
Tamarack

North bet Secs 13 + 14
Va. 23 1/2° E -

Over mountainous land

40.00 Set a basalt stone 10x10x8 ins. 7 ins
in the ground. for 4 sec. ev. marked
1/4 on N. face, and raised a mound
of stone along side

80.00 Set a basalt stone 15x10x6 ins, 10 ins in
the ground. for Secs 11, 12, 13 + 14
marked with 4 notches on S, and 1 notch
on E. edges, and raised a mound of
stone along side

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

September 13th 1882

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

Willamette Meridian, Oregon.

East

on a random line bet. Secs 12+13

Va. $70\frac{30}{4}$ E.

Descend about 50 ft. to

5.25

Dry bed of creek, course N.W.

21.50

Top of ridge, about 250 ft. above creek bed, course S.W.

31.50

Dry bed of creek, about 100 ft. below ridge, course S.W.

40.00

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

58.50

Top of ridge, about 250 ft. above creek bed, course S.W.

76.50

Bottom of gulch, about 150 ft. below ridge, course S.

80.70

Intersect E. boundary 43 lots S. of the cor. to Secs 12, 13, 7+18 which is

a stone 24×30 ins in mountain side marked with a + on N. face and

D, N. S 7 on N.E.

R 37 E. S 18 on S.E.

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

S 12 on the N.W. angles of + with 4 notches on S. and 2 notches on N. edges

from which

A pine 24 in diam bears S. 20° W. 200 lks
dist. marked J1 N. R36 E. S13. B-2

Thence I run

S. 89° 42' W. on a true line bet. Sec's 12 + 13

40.35 Set a basalt stone 14 x 12 x 4 ins. 9 ins in
the ground. for 1/4 sec cor., marked 1/4 on
N. face, from which

A pine 6 in diam bears N. 30° W. 5-3 lks
dist., marked 1/4 S. B-2

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

80.70 The line to Sec's 11, 12, 13 + 14

Land mountainous
Soil sandy loam 2nd rate
Timber scattering fir, pine and
tamarack, Dense thickets
of buck brush

Subdivision of T. 1 N. R. 36 E

Willamette Meridian, Oregon.

North Feb - Dec's 11+12

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

Descend about 75 ft. to

4,00 Dry bed of creek, course N.W.

Ascend

40,00 Get a basalt stone $16 \times 13 \times 7$ in, 11 in
in the ground, for '14 sec. cor., marked
'14 on N. face. And raised a mound
of stone alongside -

80,00 A point on mountain side, about
500 ft. above creek bed:

Get a basalt stone $18 \times 12 \times 5$ in, 12 in in
the ground, for cor. to Dec's 1, 2, 11+12
marked with 5 notches on S. and 1
notch on E. edges, and raised a
mound of stone alongside

Land mountainous

Coil 2nd rate

Timber, scattering pine & fir with
dense undergrowth of wild cherry

Subdivisions of T. 1 N R. 36 E

Willamette Meridian, Oregon.

East on a random line bet Secs 1 & 12
Va. $20\frac{3}{4}^{\circ}$ E

Ascend

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

65.00 Enter heavy timber, course N & S.

80.00 A point about 500 ft. above last sec. ev.

Intersect E. boundary 15 rods N
of the cor. to Secs 1, 12, 6 & 7 which is

a post 4 ins square marked

S, N. S 6 or N. E.

R 37 E. S 7 or S. E.

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

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

A fir 12 ins diam. bears S. 41° N. 50 rods
dist., marked S, N. R 36 E. S 12. B. D.

A fir 20 ins diam. bears S. 51° E. 62 rods
dist., marked S, N. R 37 E. S 7. B. D.

A fir 30 ins diam. bears N. 38° E. 57 rods
dist., marked S, N. R 37 E. S 6. B. D.

A fir 14 ins diam. bears N. 13° N. 32 rods
dist., marked S, N. R 36 E. S 1. B. D.

FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by Wm. D. Gradon, U. S. Deputy Surveyor, to assist in running, measuring and marking the lines and corners described in the foregoing field notes of the survey of the subdivisional lines of Township 1 North Range 36 East Willamette Meridian, Oregon, showing the respective capacities in which they acted :

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

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted Wm. D. Gradon, U. S. Deputy Surveyor, in surveying all those parts or portions of the subdivisional lines of Township 1 North Range 36 East Willamette Meridian, Oregon, as are represented in the foregoing field notes as having been surveyed by him and under his direction ; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the U. S. Surveyor General of Oregon.

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

Subscribed and sworn to before me, this twenty-fourth day of September 1883
W. D. Gradon
 Notary Public

[SEAL.]

FINAL OATH OF DEPUTY SURVEYOR.

I, Herman D. Gradow

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

structions received from James C. Tolman

U. S. Surveyor General for Oregon, bearing date of the 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 subdivisional lines

of T. N. R 36 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. Gradow
U. S. Deputy Surveyor.

Subscribed and sworn to before me, this 22^d

day of December, 1882

Bamford Robb
Notary Public

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Office U. S. Surveyor General,

Portland, Oregon, *March 31, 1883*

The following Field Notes of the Survey of the

*Subdivisional lines of Twp.
1 N. R. 36 E., Will. Meridian,
Oregon*

executed by *Herman D. Gradon*

under his Contract No. *452*, dated *16th*

June 188*2*, having been critically examined, the
necessary corrections and explanations made, the said field notes
and the survey they describe, are hereby approved.

James C. Tolman
Surveyor General.

