

FIELD NOTES

Of the survey of the Subdivisional
 Lines of Township 1 South,
Range 36 East, Willamette Meridian,
 Oregon, as surveyed by Arman D. Gradow
 U. S. Deputy Surveyor, under his Contract No. 452
 dated June 16th, 1882

Survey commenced, October 16th, 1882

Survey completed, " 28th, 1882

NAMES AND DUTIES OF ASSISTANTS.

....., Compassman.
Abraham Blanchard, Chainman.
Henry King, Chainman.
, Chainman.
, Chainman.
Geo. H. Huitt, 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 South
Range 36 East Willamette Meridian, Oregon.

Abraham Blanchard, Chainman.
Henry King, Chainman.
_____, Chainman.
_____, Chainman.

Subscribed and sworn to before me, this fifteenth
day of October 1882
[SEAL.] H. D. Goodwin
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 S. R. 36 E Willamette Meridian, Oregon.

Geo. W. Huitt, Axeman.
_____, Axeman.

Subscribed and sworn to before me, this fifteenth
day of October 1882
[SEAL.] H. D. Goodwin
Notary Public

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Meanders of _____ Pages _____ to _____

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610
Subdivisions of T. 1 S. R. 36 E.

Willamette Meridian, Oregon.

North bet Sec's 1 + 2

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

Through timber

35.00 Leave heavy timber and descend through brush

40.00 Set a basalt stone $12 \times 9 \times 5$ ins, 8 ins in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N face, from which a pine 20 ins diam. bears N. 50° W. 112 lbs dist., marked $\frac{1}{4}$ S. B.D.

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

60.00 Bottom of gulch, about 250 ft. deep; a spring branch, 2 lbs wide, runs N. Ascend about 200 ft. to

74.75 - Intersect the Base Line, at a point 21.14 chs E. of the cor. to Sec's 35 + 36 S. 1 N. R. 36 E.;

set a basalt stone $14 \times 10 \times 6$ ins 9 ins in the ground, for closing cor. to Sec's 1 + 2, marked C.C. with 1 notch on E and 5 notches on N. edges, from which

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

Willamette Meridian, Oregon.

A pine 36 ins dia at base N. 20° N. 125' etc
dist. marked S. 1 R. 36 E. S. 36. B. 3 -
no other tree within limits and
raised a mound of stone along side

Land mountainous
Soil 2nd & 3rd rate
Heavily timbered with fir. Law-
= arack and pine on S. 35. 70 ch.;
scattering pine and a dense
undergrowth of buck brush on
remainder

624
Subdivisions of T. 1 S. R. 36 E.

Willamette Meridian, Oregon.

Land mountainous
Soil sandy loam 2nd rate
Timber scattering fir & pine
October 19th 1882

North br. Lee's 2+3

Va. 18° E -

40.00 Descend along steep side hill
Set a basalt stone 15x10x5 inc 10 inc in
the ground, for 1/4 sec cor., marked 1/4 on
N. face, and raised a mound of
stone alongside

47.00 Meacham creek, nearly dry; course N.

52.00 Leave creek, course N. E. -

44.50 Intersect the Base Line at a
point 20.34 chs E. of the cor. to
Lee's 34+35 S, N. R. 36 E.

Set a basalt stone 14x12x4 inc. 9 inc in
the ground for closing cor. to Lee's
2+3, marked C.C., with 2 notches
on E. and 4 notches on N. edges,
from which

Subdivisions of T. 1 S. R. 36 E. 6 25

Willamette Meridian, Oregon.

A pine 20 in diam base S 20° E. 144 lbs
dist. marked T. S. R. 36 E. S 2 - B. I.

A pine 24 in diam base S 20° N. 30 lbs
dist. marked T. S. R. 36 E. S 3 - B. I.
no other tree within limits and
raised a mound of stone along side

Land mountainous on S
47.00 chs. remainder level
Soil sandy loam + stony 2nd & 3rd rates
Timber scattering fir + pine

640
Subdivisions of T. 1 S. R. 36 E.

Willamette Meridian, Oregon.

80.74 the ground. for 1/4 sec. cor., marked 1/4
on N. face, and raised a mound
of stone alongside
The cor. to Sec's 3, 4, 9 + 10

Land mountainous
Soil, sandy loam + stony, 2nd + 3rd cat
Timber scattering pine + fir

North
bet - Sec's 3 + 4
Va. 20° E.

40.00 Over mountainous land
Set a basalt stone 16 x 8 x 6 in., 11 in
in the ground, for 1/4 sec. cor., marked
1/4 on N. face, and raised a mound
of stone alongside

50.00 Bottom of gulch, about 150 ft deep
course N. E.

75.12 Intersect Base Line at a point
19.50 chs E. of the cor. to Sec's 33 + 34
2, N. R. 36 E., set a basalt stone

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

Willamette Meridian, Oregon,

13x8x6 ins 9 ins in the ground, for
closing corner to Dec's 374, marked
C.C. with 3 notches on East. edges
and raised a mound of stone
alongside.

Land mountainous
Soil, sandy loam 2 seats
Timber, scattering fir, pine
& tamarack, with dense under-
-growth of sage & buck brush

Land mountainous
Soil 2nd rate
Timber scattering pine & fir

North 87th Dec's 4+5
Va 21° E

Ascend

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,

from which

A fir 6 in diam. bears S. 40° E 9th loc
dist., marked 1/4 S. B. 2

A fir 10 in diam. bears S. 25° W. 7th loc
dist., marked 1/4 S. B. 2

75.36 Intersect the Base Line at a
point 18.75 chs E. of the cor. to
Dec's 32+33 T. 1 N. R. 36 E

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

Subdivisions of T. 4 S. R. 36 E

Willamette Meridian, Oregon.

T. 4 S. R. 36 E. on S.

S 4 on E. and

S 5 on N. faces, with 4 notches on
E. and 2 notches on N. faces,
from which

A fir 24 ins diam bears S. 32° E. 20
lbs diet, marked T. 4 S. R. 36 E. S 4. B. 2.

A fir 16 ins diam, bears S. 65° N. 28
lbs diet, marked T. 4 S. R. 36 E. S 5. B. 2.

no other tree within limits and
raised a mound of straw around
post

Land mountainous
Soil 2nd rat.

Timber scattering pine fir
Flammared with dense
undergrowth of sage and buck
brush

Subdivisions of T. 1 S. R. 36 E

Willamette Meridian, Oregon.

North bet. Deer 576

Var. 19 1/2° E

Along side hill

40.00

Set a basalt stone 16 x 12 x 6 ins, 11 ins in the ground, for 1/4 sec cor. marked 1/4 in N. face, from which

A fir 6 ins diam. brass S. 85° E. 12 cor. dist., marked 1/4 S. B. D.

A fir 4 ins diam. brass West 6 cor. dist., marked 1/4 S. B. D.

75.50

Intersect Base Line 17.98 chs E of the cor. to Deer's 31 + 32 S. N. R. 36 E

Set a basalt stone 14 x 10 x 8 ins 9 ins in the ground, for closing cor. to Deer's 5 + 6, marked C. C. with 5 notches on E + 1 notch on N. edges, from which

A fir 12 ins diam. brass N. 150° W. 19 cor. dist., marked S. 1 N. R. 36 E. S. 32. B. D.

A pine 12 ins diam. brass S. 65° E. 154 cor. dist., marked S. 1 S. R. 36 E. S. 3. B. D.

A fir 16 ins diam. brass S. 50° W. 48 cor. dist., marked S. 1 S. R. 36 E. S. 6. B. D.

FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by Neuman
Gradu, 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 36 East lines of Township 1 South
Willamette Meridian, Oregon,
 showing the respective capacities in which they acted :

- 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.

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted Neuman R.
Gradu, U. S. Deputy Surveyor, in surveying all
 those parts or portions of the subdivisional lines
Range 36 East of Township 1 South
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 ninth day of
October 1882

[SEAL.]

H. Gradu
 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. Dolman

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

day of _____, 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 1 S R 36 E

Willamette Meridian, in the State of Oregon, as are represented in the fore-
going 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 pro-
visions 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

Benford Robb
Notary Public

Office U. S. Surveyor General,Portland, Oregon, *March 31* 188*3*,

The following Field Notes of the Survey of the

*Subdivisions of T. 1 S. R. 36, East,
Will. Mer., Oregon*executed by *Herman P. 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.