

FIELD NOTES

Exterior

Of the survey of the

Lines of Townships 1 + 2 North

Range 36 East, Willamette Meridian,

Oregon, as surveyed by Herman D. Jordan

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

dated June 16th, 1882

Survey commenced, September 11th, 1882

Survey completed, " 25th, 1882

NAMES AND DUTIES OF ASSISTANTS.

Abraham Blanchard, Compassman.

Henry King, Chainman.

Chainman.

Chainman.

Chainman.

Geo. W. Smith, Axeman.

Axeman.

Flagman.

PRELIMINARY OATHS OF ASSISTANTS:

1352
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 Exterior

lines of Township 12 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 1882

[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 Exterior lines of

Twp 12 N. R. 36 E. Willamette Meridian, Oregon.

Geo. W. Huitt, Axeman.

, Axeman.

Subscribed and sworn to before me, this Eleventh

day of September 1882

[SEAL.]

H. D. Goaden
Notary Public

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

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Willamette Meridian, Oregon.

Survey commenced September 11th 1882
with a Burt's improved Solar compass

From the cor. to Tps 1+2 N. R's 35
+ 36 E. I run East on a random
line, between said townships, the
variation of my compass being 20° E.
I set temporary half mile and mile
corners at each 40 + 80 chs and I
find the township line to be
6 miles 11 chs and 15 lks long and the
falling to be 293 lks N. of the cor.
to Tps 1+2 N. R's 36+37 E. The
correction for the true line will
therefore be 49 lks S. and 11.15 chs
West per mile, and its course
will be $N 89^{\circ} 39' W$.

From the cor. to Tps 1+2 N. R's
36+37 East, which is a post 4 in
square, marked

Exteriors

of T. 1 N. R. 36 E.

Willamette Meridian, Oregon.

32 N. S 31 on N. E.

R 37 E. S 6 on S. E.

31 N. S 1 on S. N. and

R 36 E. S 36 on N. W. faces, with 6 notches on each edge, from which

A fir 18 ins diam. bears N. 32° E. 18 lks dist. marked 32 N. R 37 E. S 31 - B. J.

A fir 12 ins diam. bears N 43° W. 75 lks dist. marked 32 N. R 36 E. S 36. B. J.

A fir 20 ins diam. bears S. 57° W. 47 lks dist. marked 31 N. R 36 E. S 1. B. J.

A fir 20 ins diam. bears S. 18° E. 23 lks dist. marked 31 N. R 37 E. S 6. B. J.

I run

N. 89° 39' W. in a true line bet. Sec's 1 + 36

Var. 20 1/2° E.

Through timber

12.00

A spring branch. 3 lks wide. runs N. W. about 100 ft. below cor.

18.00

Same branch, runs E. W.

20.00

Leaves heavy timber, course N. E.

Exteriors of T. 1 N. R. 36 E 363

Willamette Meridian, Oregon.

40.00 Set a basalt stone 14x10x8 ins 9 ins in the ground. for 4000 ev., marked 14 on N. face, and raised a mound of stone alongside, from which
 A pine 36 ins diam bear N. 36 E. 138 lbs dist., marked 14 S. B.D.
 no other trees within limits

45.90 A ravine, course S 20° E. and ascend
 74.00 Top of ridge, about 500 ft. above ravine, course S.

Descend about 100 ft. to

80.00 Set a basalt stone 14x12x8 ins 9 ins in the ground. for Cr. to Dec's 1, 2, 3 5 + 36, marked with 1 notch on E. + 5 notches on N. edges. and raised a mound of stone alongside

Land mountainous
 Soil stony 3rd rate
 Heavily timbered with fir, tamarack
 + pine on E. 20 che

281
Elevations of T. 1 N. R. 36 E.

Willamette Meridian, Oregon.

N. 89° 39' W. on true line bet. Sec's 2 + 35

Va. 22 1/2° E.

35.00

Descend about 1000 ft. to
Bottom of gulch, course S. W.

40.00

Put a basalt stone 18 x 14 x 12 ins., 12 ins in
the ground, for 1/4 sec. on N. face, and raised a mound of
stone alongside

49.00

Top of ridge, about 800 ft. above gulch,
course S. W.

Descend about 1000 ft. to

80.00

Put a basalt stone 15 x 12 x 10 ins., 10 ins in
the ground, for cor. to Sec's 2, 3, 34 + 35
marked with 2 notches on E. and 4
notches on N. edges and raised a
mound of stone alongside

Land mountainous

Soil, stony 3rd rate

Good bunch grass

No timber

Exteriors of T. 1 N. R. 36 365
Willamette Meridian, Oregon.

N. 89° 39' W. on a true line bet Secs 3 + 34
Va. 21° E.

- 6.00 Descend about 150 ft. to
- Bottom of gulch, course S. W.
- 39.50 At gulch, course S. about 500 ft below
- last gulch,
- 40.00 Set a basalt stone 16 x 16 x 8 in 11 in in
- the ground, for 1/4 sec. cor., marked 1/4 W
- N. face, from which
- A pine 9 in diam. bears N. 4° W. 18' W
- dist., marked 1/4 S. B. J.
- A pine 14 in diam. bears S 85° W. 15' W
- dist., marked 1/4 S. B. J.

- Ascend about 1000 ft. to
- 77.50 Top of ridge, course S. W.
- 80.00 Set a basalt stone 17 x 14 x 12 in 11 in in
- the ground, for cor. to Secs 3, 4, 33 + 34,
- marked with 3 notches on E. W. edges
- and raised a mound of stone along side
- Land mountainous, soil stony 3rd rate
- Timber, scattering pine -

336
Extremities of T. 1 N. R. 36 E

Willamette Meridian, Oregon.

N. 89° 39' W. on a true line bet Secs 4 + 33

Var. 21° E.

Descend about 600 ft. to

16.00 Bottom of gulch, course S. 21° W.

Ascend about 600 ft. to

40.00 Top of ridge, course S. 21° W. ;

Set a basalt stone 14 x 10 x 8 in 9 in in the ground, for 74 sec. en. marked 74 on N. face, and raised a mound of stone alongside

Descend about 700 ft. to

73.00 Bottom of gulch, course S. 60° W.

80.00 Set a basalt stone 16 x 12 x 6 in, 11 in in the ground, for cor. to Secs 4, 5, 32 + 33, marked with 4 notches on E. + 2 notches on N. edges and raised a mound of stone alongside

Land mountainous

Soil stony 3rd rate

Good bunch grass

No timber

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Exteriors of T. 1 N. R. 36 E. 367

Willamette Meridian, Oregon.

N. 89° 39' W. on a true line bet. Secs 5 + 3 2

Var. 21° E.

Ascend about 200 ft. to

23.00 Top of ridge, course S. W.

40.00 Set a basalt stone 14 x 7 x 6 in 9 in in
the ground for 1/4 sec. ev., marked 1/4
on N. face, from which

A pine 2 2 in diam, bearing N. 43° W. 53 lks
dist., marked 1/4 S. B. J.

A pine 2 2 in diam, bearing S. 73° W. 58 lks
dist., marked 1/4 S. B. J.

41.00 Bottom of gulch, about 350 ft. below
last ridge, course S. W.

48.62 Enter creek bottom, course N. 25° W.

51.85 Graded road bed of Baker City Rail-
way line, course N. 26° 25' W.

54.20 Wagon road, course N. S.

60.40 Meacham creek 150 lks wide, runs N. 50° W.

70.00 Leave bottom and ascend hill, course N. W.

80.00 Set a post 4 ft. long, 4 in square, 24 in
in the ground, for line to Secs 31 + 32, 37 6
marked

30 Extensions of T. 1 N. R. 36 E.

Willamette Meridian, Oregon.

- R 36 E
- ② 2 N. S 32 W N E
 - ① 1 N. R 36 E. S 5 W S. E
 - ① 1 N. R 36 E. S 6 W S. W. and
 - ② 2 N. R 36 E. S 31 W N. faces, with 5 notches on E. + 1 notch on N. edges, from which a fir 26 in diam bears N. 70° E. 8 lks dist. marked ② 2 N. R 36 E. S 32. B. J.
 - A fir 32 in diam, bears S 35° E. 9 lks dist. marked ① 1 N. R 36 E. S 5. B. J.
 - A pine 30 in diam - bears S. 33° W. 35 lks dist. marked ③ 3 N. R 36 E. S 6. B. J.
 - A fir 10 in diam - bears N. 63° W. 12 lks dist. marked ② 2 N. R 36 E. S 31. B. J.

Land mountainous
 Soil sandy loam + stony 2nd & 3rd strata
 Timber, scattering pine, fir + tamarack
 Dense undergrowth of pine, fir
 tamarack + buck brush

Extremes

of T. 1 N. R.

36 E 369

Willamette Meridian, Oregon.

N. 84° 39' W. on a true line bet. Secs 6 + 31

N. 17° 30' E.

7.50

Ascend about 200 ft. to
Top of ridge. course N. E.

22.00

Descend about 600 ft. to
Ravine. course N. E.

34.00

Ascend about 600 ft. to
Top of ridge. course N. E.

40.00

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

A fir 5 ins diam. bears N. 48° E. 9 lbs
dist. marked 1/4 S. B. J.

A tamarack 24 ins diam. bears S. 62° W. 17 lbs
dist. marked 1/4 S. B. J.

41.00

A ravine. about 125 ft. below ridge,
course N. E.

54.00

Top of ridge, about 400 ft. above ravine
course N.

71.00

Bottom of gulch, about 700 ft. below ridge,
course N. E.

91.15

The line to Sp. 1 + 2 N. R. 35 + 36 E.

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Exteriors

370

of T. 1 N. R. 36 E.

Willamette Meridian, Oregon.

which is a post 4 in square, marked

T 2 N. R 36 E. S 31 on N E -

T 2 N. R 35 E. S 36 on N N.

T 1 N. R 35 E. on S N. and

T 1 N. R 36 E. S 6 on S E - with 6 notches
on each edge. from which

A fir 14 in diam. born N 50 N. 21 loc dist -
marked T 2 N. R 35 E. S 36. B-D -

A fir 20 in diam. born S 5 20 N. 31 loc dist -
marked T 1 N. R 35 E. S 1. B-D -

Land mountainous

Soil strong & rate

Timber scattering fir, pine and
Tamarack -

Dense undergrowth of fir, pine
& Tamarack

September 11 1882

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Extensions of T. 1 N. R. 36 E. 371

Willamette Meridian, Oregon.

General Description

The townships on both sides of this line are rough, broken and mountainous

There are groves of pine, fir and tamarack timber of good quality

The country is well watered and several claims have been taken along Meacham creek

Hiram D. Gordon

U. S. Deputy Surveyor

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FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by Heuman D. Gaden, 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 exterior lines of Tps 1 + 2 N. R. 36 E. Willamette Meridian, Oregon, showing the respective capacities in which they acted :

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

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted Heuman D. Gaden, U. S. Deputy Surveyor, in surveying all those parts or portions of the exterior lines of Tps 1 + 2 N. R. 36 E. Willamette Meridian, Oregon,

as are represented in the foregoing field notes as having been surveyed by him and under his direction ; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the U. S. Surveyor General of Oregon.

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

Subscribed and sworn to before me, this second day of October 1882

[SEAL.] H. D. Gaden
Notary Public

FINAL OATH OF DEPUTY SURVEYOR.

I, Herman D. Graden

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 16'

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 exterior lines of
Sp. 1 + 2 N. 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. Graden
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

*Extensions of Twp 1 and 2 North
Range 36 East, Will. Mer.,
Oregon*

executed by

Herman D. Graden

under his Contract No. *452*, dated

June 16th

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.