

FIELD NOTES

Of the ^{re-}survey of the Base Line
 Lines of through Ranges 36 + 37 East

....., Willamette Meridian,
 Oregon, as surveyed by Harman D. Gradin
 U. S. Deputy Surveyor, under his Contract No. 452

dated June 16th, 1882

Survey commenced, August 29th, 1882

Survey completed, September 12th, 1882

NAMES AND DUTIES OF ASSISTANTS.

....., Compassman.
Abraham Blanchard, Chainman.
Henry King, Chainman.
Albert Campbell, Chainman.
Henry Pinto, Chainman.
Geo. H. Huitt, Axeman.
, Axeman.
, Flagman.

316 PRELIMINARY OATHS OF ASSISTANTS:

We, Abraham Blanchard, Henry King,
Albert Campbell and Henry Pinto

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 Base Line through
Ranges 36 and 37 East

Willamette Meridian, Oregon.

Abraham Blanchard, Chainman.

Henry King, Chainman.

Albert Campbell, Chainman.

Henry Pinto, Chainman.

Subscribed and sworn to before me, this twenty-ninth

day of August 1882

[SEAL.]

H. D. Gradon
Notary Public

We, J. Geo. W. Huitt, 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 Base Line through
Ranges 36 + 37 East

Willamette Meridian, Oregon.

J. Geo. W. Huitt, Axeman.

Axeman.

Subscribed and sworn to before me, this twenty-ninth

day of August 1882

[SEAL.]

H. D. Gradon
Notary Public

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Resurvey of the Base Line Through Range 36 East
of T. _____ R. _____
Willamette Meridian, Oregon.

West

on Base Line on S. boundary of Rec. 31
Va. 210 E

11 50 Ascend about 200 ft to
Top of hill, course N 75 E

40.00 Put a basalt stone 16 x 12 x 4 in. 11 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. 50° W. 23 cks
dist., marked $\frac{1}{4}$ S. B. J.

A pine 6 in diam. bears S. 10° E. 30 cks
dist., marked $\frac{1}{4}$ S. B. J.

The old $\frac{1}{4}$ sec. cor. a post with 2 bear-
ing trees, bears N. 115° the dist. I destroy
the post and obliterate the marks on bearing
trees

9050 The cor. to Tps 1 N. R's 35 + 36 E
which is a post 4 in square, marked
S 31 J, N. R 36 E on N. E

S 36 J, N. R 35 E on N. W. faces, with
6 notches on N. E + W. edges, from which
A spruce 8 in diam. bears N. 60° E. 31 cks
dist., marked S, N. R 36 E. S 31. B. J.

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Resurvey of the Base Line through Range 36 East
of T. R.

Willamette Meridian, Oregon.

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A pine 14 in diam. base N. 150 N. 37 cor
dist. marked J. N. R. 35 E. S. 36 - B. J.

A pine 12 in diam. base S 50 N. 32 cor
dist. marked J. N. R. 35 E. S. 1 - B. J.

Land mountainous

Soil - 2 us oaks

Heavily timbered with pine, fir and
tamarack

September 12th 1882

— General Description —

This line runs across an exceed-
-ingly rough mountainous country.
The townships on each side are
rough & broken, but contain a large
amount of fir pine & tamarack timber
of fair quality

Hiram D. Gradow

U. S. Deputy Surveyor

FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by Arman D. 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 Base Line through Ranges 36 + 37 lines of East Willamette Meridian, Oregon, showing the respective capacities in which they acted :

- Abraham Blanchard, Compassman.
- Henry King, Chainman.
- Albert Campbell, Chainman.
- Henry Pinto, Chainman.
- Geo. W. Huitt, Axeman.
- _____, Axeman.
- _____, Flagman.

FINAL OATHS OF ASSISTANTS

We hereby certify that we assisted Arman D. Gradin, U. S. Deputy Surveyor, in surveying all those parts or portions of the resurvey of the Base Line through Ranges 36 + 37 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.

- _____, Compassman.
- Abraham Blanchard, Chainman.
- Henry King, Chainman.
- Albert Campbell, Chainman.
- Henry Pinto, Chainman.
- Geo. W. Huitt, Axeman.
- _____, Axeman.
- _____, Flagman.

Subscribed and sworn to before me, this twenty fourth day of September 1882

[SEAL.]

Arman D. Gradin
Notary Public

FINAL OATH OF DEPUTY SURVEYOR.

I, Heruan D. Gradin

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 the Base Line
through Ranges 36 + 37 East

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.

Heruan D. Gradin
U. S. Deputy Surveyor.

Subscribed and sworn to before me, this 22^d

day of December 1882

Bamford Robt
Notary Public

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

The following Field Notes of the Survey of the resurvey
of the Base Line through Ranges
36 and 37 E., Will. Meridian,
Oregon

executed by *Herman D. Gradon*

under his Contract No. *457*, dated *June*
16th 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.

