

FIELD NOTES

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Of the survey of the First Standard Parallel
North ~~Lines of~~ through Rgs 39, 40, 41,

42, 43, 44, 45, 46, 47 and 48 Willamette Meridian,

Oregon, as surveyed by Rufus S.

Moore, U. S. Deputy Surveyor,

under his Contract No. 437, dated

June 3^o 1882, 1882

Survey commenced, June 16^o 1882

Survey completed, July 3^o 1882

NAMES AND DUTIES OF ASSISTANTS.

....., Compassman.

William Jordan....., Chainman.

J. M. Heckart....., Chainman.

James Guttridge....., Chainman.

John Guttridge....., Chainman.

Joe Parodi....., Axeman.

....., Axeman.

....., Flagman.

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PRELIMINARY OATHS OF ASSISTANTS:

We, William Jordan, J. M. Beckart

James Guttridge and John Guttridge
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 First Standard Paralled North through
the Range lines of Townships No. 39, 40, 41,
42, 43, 44, 45, 46, 47, 48 East Willamette Meridian, Oregon.

William Jordan, Chainman.
J M Beckart, Chainman.
James Guttridge, Chainman.
John Guttridge, Chainman.

Subscribed and sworn to before me, this Fifteenth

day of June 1882.

[SEAL.]

Rufus S. Moore
Notary Public's

We, _____ and _____

J Joe Parodi, 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 First Standard Paralled North through
Range No. 39, 40, 41, 42, 43, 44, 45, 46, 47 ^{+ 48 East} Willamette Meridian Oregon.

Joe Parodi, Axeman.
_____, Axeman.

Subscribed and sworn to before me, this Fifteenth

day of June 1882.

[SEAL.]

Rufus S. Moore
Notary Public's

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1st Stand Parl N ~~of T.~~ through R. 39 East

Willamette Meridian, Oregon.

On the night of June 15th - 1882
Before commencing this survey
I took an observation on the
star Polaris at its eastern
elongation, the next morning
I compared my compass with
the line thus established
and find it correct.

Beginning at the
Standard Cor. to Sps 4 & 5
N. Rqs 38 & 39 E. The witness
trees are still standing but
the old cor. has been oblit-
erated which I establish by
setting a basalt stone
18 x 15 x 12 ins 12 ins in the
ground marked S. C. and
with 6 notches on the North
East and West faces,

from which
a Fir 5 in dia bears N. 35° E
32 lks dist marked. S. 5 N.

1st Std Parl N. of T. through R. 39 East
Willamette Meridian, Oregon.

R. 39 E. S. 36 B.A.

a yellow Pine 22 in dia
bears N. 43° W, 13 lks dist mark-
ed S. 5 N. R. 38 E. S. 36 B.A.

a yellow Pine 44 in diam
bears S. 20° W, 4 lks. dist
marked S. 4 N. R. 38 E. S. 6 B.A.

E. on S. bdry of Sec. 31.
Var. 20° 30' E.

I find it will be im-
possible to chain E. across
cañon. I therefore send fl
ahead and run base of
250 lks N. which gives an
angle of 3° 35' which by
Nat. sines and cosines gives

39.92 To flag

fine :	cosine :	lks :	lks :
.0625	9980	250.	39.92

8.70 S. fork of Walla Walla river

General Description of W. 1st Staud Park N., from R. 39 to 48^e
Willamette Meridian, Oregon, (included)

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This line passes over the summit of the Blue Mountains and the breaks of the Grande Ronde & Snake Rivers,

The Tps on either side are very mountainous, rough and broken, through Ranges No. 39 & 40 East. The mountains are very heavily timbered with a dense growth of Fir, Spruce, Tamarack and Hemlock of good quality, as the summit of the mountains is in Ranges 39 & 40 East, the timber is very large and thrifty.

East of the Grande Ronde River which runs through Range No. 41 East the country is not so high and timber is not so dense

Gen. Des. of 1st Std of T. Pacif Nitro: Rgs 39 to 48 E ⁵⁹¹
Willamette Meridian, Oregon. (inclusive)

and the country is more open and the line passes over a succession of deep canons and high ridges and very little table land.

The canons are all leading North, and are almost impassable, but contain small streams of pure cold water, which are the tributaries of the Grande Ronde and Snake Rivers, The soil can be classed as 2nd 3^d & 4th rate Bunch grass grows in abundance through Ranges 47 and 48 East.

The line approaches Snake River at a point about 1/4 mile below the mouth of Salmon River,

FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by.....

Rufus S. Moore, 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 *First Standard Parallel North* through the *Range* lines of *Townships No. 39, 40, 41, 42, 43, 44, 45, 46, 47, 48* East of *Willamette Meridian, Oregon*, showing the respective capacities in which they acted :

-, **Compassman.**
- William Jordan*....., **Chainman.**
- J. M. Heckart*....., **Chainman.**
- James Guttridge*....., **Chainman.**
- John Guttridge*....., **Chainman.**
- Joe Parodi*....., **Axeman.**
-, **Axeman.**
-, **Flagman.**

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted *Rufus S. Moore*....., U. S. Deputy Surveyor, in surveying all those parts or portions of the *First Standard Parallel North* through *Ranges No. 39, 40, 41, 42, 43, 44, 45, 46, 47, & 48* East of *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.**
- William Jordan*....., **Chainman.**
- J. M. Heckart*....., **Chainman.**
- James Guttridge*....., **Chainman.**
- John Guttridge*....., **Chainman.**
- Joe Parodi*....., **Axeman.**
-, **Axeman.**
-, **Flagman.**

Subscribed and sworn to before me, this *Tenth*..... day of *August*..... 188*2*.

[SEAL.]

Rufus S. Moore.....
Notary Public.....

FINAL OATH OF DEPUTY SURVEYOR.

I, Rufus S. Moore

United States Deputy Surveyor, do solemnly swear that in pursuance of instructions received from James C. Tolman

U. S. Surveyor General for Oregon, bearing date of the Third day of June, 1882, I have well, faithfully, 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, surveyed all those parts or portions of The 1st Standard Parallel N. through Ranges 39, 40, 41, 42, 43, 44, 45, 46, 47 & 48 East of

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.

Rufus S. Moore
U. S. Deputy Surveyor.

Subscribed and sworn to before me, this 10th

day of February, 1883.

Bamford Robb
Notary Public

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Office U. S. Surveyor General,

Portland, Oregon, *April 11th* 1883

The following Field Notes of the Survey of the
First Standard Parallel North through
Ranges 39. 40. 41. 42. 43. 44. 45. 46
47 and 48 East. Willamette Meridian Or.
executed by *Reuben S. Moore*
under *his* contract No. *437*
dated *June 3* 1882, having been
critically examined, the necessary corrections and ex-
planations made, the said field notes and the survey
they describe, are hereby approved.

James C. Tolman

Surveyor General.

