

David Plummer
Keel. FIELD NOTES

Of the survey of the Subdivisional
Lines of T. S. R. 35 O

Willamette Meridian, Oregon,
as surveyed by Murris Buchanan

U. S. Deputy Surveyor, under his Contract No. Q 35

dated April 19, 1895

Survey commenced, June 28th, 1895

Survey completed, June 30th, 1895

NAMES AND DUTIES OF ASSISTANTS.

-, Chainman.
- Carl S. Picklin, Chainman.
- Guy D. Stryker, Chainman.
-, Chainman.
- Perry Van Arsdall, Axman.
-, Axman.
-, Flagman.

RECEIVED AND FILED.

this 30th day of Dec, 1895

JOHN C. ARNOLD,
U. S. Surveyor General for Oregon.

PRELIMINARY OATHS OF ASSISTANTS.

We, Carl S. Nicklin and Guy D. Stryker

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 T. 1 South

R. 35 East

Willamette Meridian, Oregon.

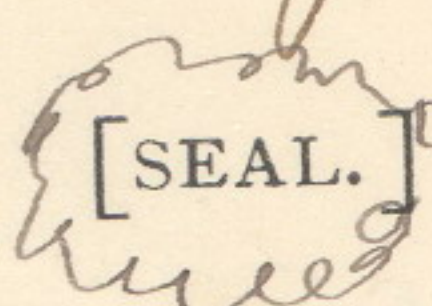
Carl S. Nicklin, Chainman.

Guy D. Stryker, Chainman.

Chainman.

Subscribed and sworn to before me this Twenty eighth day of June, 1895.

Marius Buchanan
U. S. Dept. Surveyor



We, J. Perry VanArsdall and

do solemnly swear that we will well and truly perform the duties of Axmen 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

Subdivisions of T. 1 S.
R. 35 E.

Willamette Meridian, Oregon.

J. Perry VanArsdall, Axman.

Subscribed and sworn to before me this Twenty eighth day of June, 1895.

Marius Buchanan
U. S. Dept. Surveyor



File

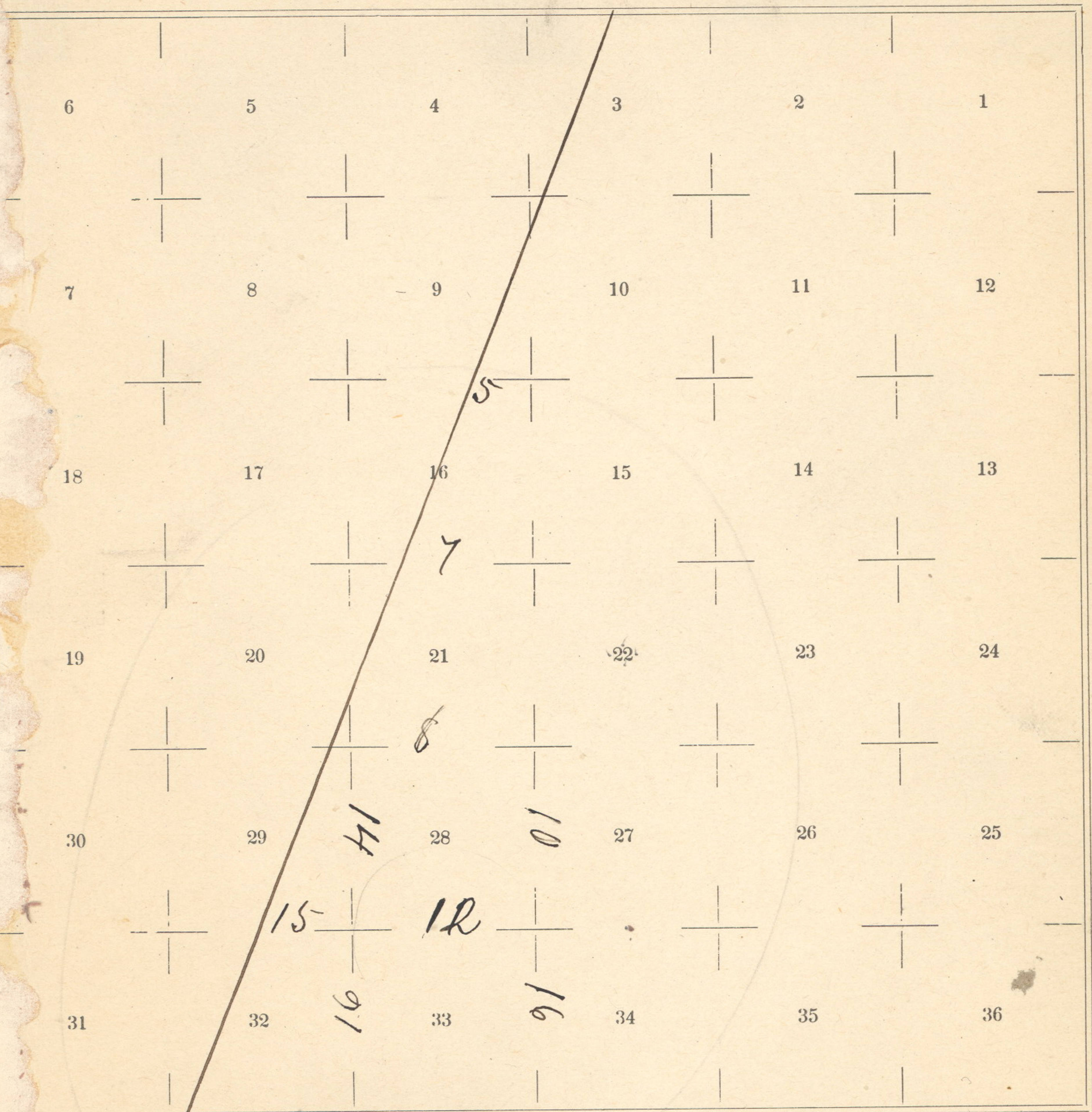
Page 15 2y as to setting C.C on U.S.R line
E. Bdry of Sec 32 out of line with W. Bdry

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INDEX

Referring the Lines to the Pages of the Field Notes.

T. 1 South R, 35 East Will. Mer.



Luden

Meanders of _____ Pages _____ to _____

Meanders of _____ Pages _____ to _____

There being no officer, other than myself, authorized to administer an oath, I administer the required preliminary oath.

M. Buchanan
U.S. Dept. Surveyor

Subdivisions of T. 1 S. R. 35 E.

Chs. To complete the subdivision of this township I go to cor. of secs. 9, 10, 15 and 16. I find all the witness trees, ^{in copulifera} but the post is gone; by the bearings and distances of the witness trees as given me by the Surveyor General I

set a tamarac post 3 ft. long, 4 ins. square, 24 ins. in the ground for the cor. of secs. 9, 10, 15 and 16

- T. 1 S. S. 40 on marked
- T. 1 S. S. 10 on N.E.,
- R. 35 E. S. 15 on S.E.,
- S. 16 on S.W. and

course to sec 9-10-15-16
 Lat 45° 29' N
 Lon 7° 11' 18" W

S. 9 on N.W. faces, with 4 notches on S. and 3 on E. edges; witnessed as described by the Surveyor General:

Thence I run West on true line bet. secs. 9 and 16: Va. 18°-36' E.

Descend gradual - scattering timber:

2.47 Bear Creek 15 lks. wide - course N 20° W: ascend gradual.

Subdivisions of T. 1 S. R. 35 E. Cont.

14.50 Intersect U. S. R. line at Closing
Cor. to secs. 9 and 16.

The post being gone, I reestab-
lish this corner and
set a fir post 3 ft. long, 4 ins.
square, 24 ins. in the ground
for closing corner to secs.
9 and 16.

C. C. T. 1 S. R. 35 E. on N.W.,
S. 9 on N. and
S. 16 on S. faces, from which

* a pine 10 ins. diam. bears N. 35° E. 97 lks.
dist marked T. 1 S. R. 35 E. S. 9 B. T. and
a pine 7 ins. diam. bears S. 41° E. 15.2 lks.
dist. marked T. 1 S. R. 35 E. S. 16 B. T.

* Note. I found the bearing of this
witness tree to be N. 35° E., instead
of N. 45° E. as given in the notes
furnished me by the Surveyor
General.

Land - rolling mountain land:

Soil - sandy - 4th rate:

Timber, scattering pine, fir
and tamarac.

Mountainous lands - 14.50 Chs.

Subdivisions of T. 1 N. R. 35 E. Cont.

Chs. I now go to the $\frac{1}{4}$ sec. Cor on the line bet. secs. 16 and 21; which is a post 2 ft. high, 4 ins. square; marked, and witnessed as described by the Surveyor General:

thence I run West. on true line bet. secs 16 and 21 - ascending -

2.56 21 -
2.56 Intersect U. S. R. line at closing corner to secs. 16 and 21, which is a ^{post} 2 ft. above ground, 4 ins. square, marked and witnessed as described by the Surveyor General.

Land. hill:

Soil - sand - 4th rate:

Timber scattering pine:

Mountainous lands 2.56 Chs.

As the easiest and quickest way of finding the necessary corners; I retrace the U. S. R. Bdy. line to closing corner to secs. 21 and 28 which is a post ~~post~~ 2 ft. above ground, 4 ins. square, marked, and

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Subdivisions of T. 18. R. 35 E. Cont.

Obs. witnessed as described by the Surveyor General:

Thence I run East on a random line bet. secs. 21 and 28:

32.50 The $\frac{1}{4}$ sec. cor. to secs. 21 and 28 bears N. 14 Wcs., which Cor. is a post and witnesses as described by the Surveyor General; but I find the post decayed and the witness trees are dead; therefore I renew it as follows:
Set a tamarac post 3 ft. long, 4 ins. square, 24 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. on N. face; From which a pine 8 ins. diam. bears N. $40\frac{1}{2}$ E. 13 Wcs. dist. marked $\frac{1}{4}$ S. B. T. and a Pine 7 ins. diam. bears S. $57\frac{1}{2}$ W. 16 Wcs. dist. marked $\frac{1}{4}$ S. B. T.

Thence I run S. $89^{\circ}45'$ W. on true line bet. secs. 21 and 28.

ascend gradually through dense timber.

13.00 leave dense timber - scattering timber.

Subdivisions of T. 1 S. R. 35 E. Cont.

22.50

22.50

Summit of low hill - descend gradually.

32.50

32.50

Closing corner to secs. 21 and 28.

Land, rolling mountain top.

Soil, sandy, 3rd rate;

Timber, dense young pine, fir and tamarac. 13 Chs.: scattering pine, 19.50 Chs.

Mountainous lands. 32.50 Chs.

The corner posts, witnesses, and blazes on lines, S. and E. of secs. 29 and 33 being nearly destroyed by fires; in order to continue this survey I return to 1/4 Sec. cor bet. secs. 21 and 28, previously described on preceding page:

thence I run

E. on blank line bet. secs. 21

and 28

40.00

40.00

The cor. to secs. 21, 22, 27 and 28, which is a post 2 ft. high, 4 ins. square, marked and witnessed as described by the Surveyor General.

Subdivisions of T. 1 S. R. 35 E. Cont.

Chs. Prence I run
S. to retrace the line bet. secs.
27 and 28:

- 3.00 Summit of hill - bears NW and SE:
ascend gradual:
along hilltop.
- 12.50 brow. descend S. face
- 31.00 foot of hill - bears E and W -
enter bottom land
- 32.57 Creek 7 lks. wide - course NW -
ascend
- 33.25 foot of hill; bears S.E. and NW:
enter dense young timber - ascend.
- 40.02 post is gone, but I find both
witness trees in good condition
to reestablish this corner. I
set a tamarac post - 3 ft. long, 3 ins.
square, 24 ins. in the ground
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. on
W. face. with same witnesses to wit
a tamarac 4 ins. diam. bears N. 52° E 10
lks. dist. marked $\frac{1}{4}$ S. B. T. and
a tamarac 6 ins. diam. bears N. 36° W
9 lks. dist. marked $\frac{1}{4}$ S. B. T.
- 40.80 a pine 40 ins. diam. - live tree. mar-
ked with 2 notches in N. and S. sides.

Subdivisions of T. 1 S. R. 35 E. Cont:

Chs.
60.00
60.00
80.11
80.11

Summit of hill bears N.W. and S.E.:
150 ft. above last creek - descend
scattering timber:
find post lying down, much de-
cayed; all witnesses gone or dead
excepting the one in sec. 34:
at cor. point as indicated by
the remaining witnesses and
blazes, to reestablish this cor. I
set a tamarac post 3 ft. long, 8
ins. square, 24 ins. in the ground,
for cor. of secs. 27, 28, 33 and 34
marked

T. 1 S. S. 27 on N.E.,
R. 35 E. S. 34 on S.E.,
S. 33 on S.W. and
S. 28 on N.W. faces; with 1 notch
on S. and 3 on E. edges;

- from which
- a tamarac 6 ins. diam. bears N. 22° E. 17 lks.
dist. marked T. 1 S. R. 35 E. S. 27 B. T.,
- a pine 12 ins. diam. bears S. 18° E. 11 1/2 lks.
dist. marked T. 1 S. R. 35 E. S. 34 B. T.,
- a pine 5 ins. diam. bears S. 46 1/2° W. 24 lks.
dist. marked T. 1 S. R. 35 E. S. 33 B. T. and
- a pine 5 ins. diam. bears N. 74° W. 25 lks.

Subdivisions of T. 1 S. R. 35 E. Contin

List marked T. 1 S. R. 35 E. S. 28 B. T.

Land, rolling mountain top:
 Soil - sandy - 3rd rate:
 Timber, pine, fir and tamarac;
 dense, 60 Chs.; 20.11^{Chs.} scattering:
 Mountainous lands - 80.11 Chs.
 June 28th 1895

June 29th: At 7^h a.m. l.m.t., I set off
 45° 26' on the lat. arc; 23° 14' on the decl.
 arc; and determine a true meridian
 with the solar, at the cor. of secs. 27, 28,
 33 and 34:

Thence I run
 West on true line bet. secs. 28 and
 33:

Through a bunch of dense brush:
 2.00 Leave brush, scattering fir and pine:
 8.50 Brow; descend steep Sw. hillside:
 15.00 Enter dense undergrowth
 21.00 Bottom of ravine 600 ft. deep, open
 N 65° W. ascend on steep N.E. hillside:
 36.50 Top of N.W. point, 400 ft. above ra-
 vine; descend steep Sw. face:
 40.00 I find no trace of line or cor.:

Subdivisions of T. 1 S. R. 35 E. Continued

on steep W. hillside I set a tamarac post 3 ft. long, 3 ins. square, 24 ins. in the ground for 1/4 sec. cor., marked 1/4 S. on N. face from which a tamarac 22 ins. diam. bears S. 74 1/2 W. 64 lbs. dist. marked 1/4 S. B. T. and a tamarac 18 ins. diam. bears N. 46 1/2 W. 58 lbs. dist. marked 1/4 S. B. T.

41.50
41.50 Creek 5 lbs. wide; in canon 400 ft. deep, course N.W.: ascend steep, rocky N.E. face of hill.

47.50
47.50 leave dense undergrowth, scatter in timber:

50.00
50.00 top of N.W. point 600 ft. above creek.
66.17 descend N.W. face very steep.

68.17
68.17 Creek 17 lbs. wide, N.W. course - 1200 ft. below top of Mountain - ascend steep N.E. hillside

80.00
80.00 800 ft. above last creek on steep N.E. face set a stone 24 x 10 x 9 ins. 18 ins. in the ground for cor. of secs. 28, 29, 32 and 33, marked with 1 groove on S. and 4 on E. edges and raised a mound of stone, 2 ft. at base, 1 1/2 ft. high, W. of Cor. Pits impracticable

Subdivisions of T. 1 S. R. 35 E. Continued

Land - mountainous:

Soil - loam - 3rd and 4th rate:

Timber, dense young timber of pine,
tamarac, fir and spruce 32.50;
scattering ^{large} pine and fir - 80 chs.
Mountainous lands, 80 chs.

N. on true line bet. secs. 28 and 29.

Descend steep, rocky N. face of
hill; through scattering timber:

19.50 E. McKie Creek 20 lbs. wide - course

N. 60° W.; ascend steep S. face:

27.00 summit of SW. point 400 ft. above
creek. descend N.W. face:31.17 Bottom of gulch opens SW; ascend
SE. face40.00 set a fir post 3 ft. long, 3 ins. square,
24 ins. in the ground for 1/4 sec.
cor., marked 1/4 S. on W. face,

from which
a fir 20 ins. diam. bears N. 75° W. 18 lbs.
dist. marked 1/4 S. B. T. and
a x on large rock in position bears S. 10° E.
36 lbs. dist.

45.00 top of steep ascent; ascend gradual

58.00 summit of ridge, bears N. E. and Sw. 1500

Subdivisions of T. 1 N. R. 35 E. Continued

59.87 ft. above creek. descend gradual:
 59.87 Intersect U. S. R. line at closing
 cor. to secs. 28. and 29 which is a
 fir 14 ins. diam. marked and wit-
 nessed as described by Surveyor General.

Land - mountainous:
 Soil, Sandy loam - 3rd rate:
 Timber, scattering pine and
 fir.
 Mountainous lands 59.87 Chs.
 June 29th 1895.

I return to cor. of secs. 28, 29, 32 and
 33 thence I run

West on true line bet. secs. 29 and 32:

11.50 Ascending on steep rugged point:
 11.50 summit of point, bears N.W. 800 ft.
 above creek: descend steep

16.73 bottom of ravine - opens N. ascend

21.74 Intersect U. S. R. line 3.70 lbs. N. ^{20° E.}
 5-5 1/2 Mile Cor. which is a basalt stone
 10x10x10 in a mound of stone;

I do not find any closing cor.

At point of intersection I
 set a basalt stone 20x10x9 ins. 14
 ins. in the ground for closing Cor

Subdivisions of T. 18. R. 35 E. Continued

of secs. 29 and 32, marked C. C.
on E. face, and raise a mound
of stone, 2 ft. at base, 1 1/2 ft. high,
E. of cor. Pits impracticable.

Land - mountainous:

Soil - sandy loam - 4th rate:

no timber:

Mountainous lands: 21.17 Chs.

From cor. of secs. 28, 29, 32 and 33
thence I run

S. on a true line bet. secs. 32 and 33:

ascend steep N. point: no timber

17.50 top of steep ascent. along rocky
ridge: E. of summit.

40.00 set a basalt stone 21 x 15 x 6^{ins.} on rock,
in mound of stone, marked 1/4
on W. face and raised a mound
of stone, 2 ft. at base, 1 1/2 ft. high, W
of cor. Pits impracticable.

42.00 Summit of ridge on rock cliff -
descend along W. side.

75:03 Intersect S. Bdy of township
28 Chs. W. of Cor. of secs. 4 and 5,
~~described on page 8 of Exterior~~
~~ort as run by me in this Contract.~~

Subdivisions of T. 1 S. R. 35 E. - Concluded

Chs. At point of intersection I
set basalt stone 22 x 16 x 6 ins. 17 ins.
in the ground for closing Cor. of
sec. 32 and 33, marked
C.C. on N. ^{face.} with 4 notches on E,
and 2 on W. Edges, and raise
a mound of stone, 2 ft. base, 1 1/2 ft.
high N. of cor. Pits unpractic-
able.

Land, mountainous.

Soil, loam 3rd rate.

Timber, only a few trees of scrub-
by pine and fir.

Mountainous lands, 75.03 Chs.

June 30th 1895.

~~Latitude taken daily.~~

General Description.
This fractional township is
very mountainous, and very
precipitous in the south part.
The soil is sandy and unpro-
ductive. It is chiefly valuable
for its young timber and for
grazing purposes.

Marius Buchanan
U. S. Dept. Surveyor.

There being no officer, other than myself, available without great inconvenience, delay and expense, I administer the required final oath.

M. Buchanan
U. S. Dept. Surveyor.

FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by Marius
Buchanan, 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
R. 35 East lines of T. 1 South
Willamette Meridian, Oregon,
showing the respective capacities in which they acted:

Full and

- Carl S. Nicklin, Compassman.
- Carl S. Nicklin, Chainman.
- Guy D. Stryker, Chainman.
- Guy D. Stryker, Chainman.
- Guy D. Stryker, Chainman.
- Perry Vanarsdall, Axeman.
- Perry Vanarsdall, Axeman.
- Perry Vanarsdall, Flagman.

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted Marius
Buchanan, U. S. Deputy Surveyor, in surveying all
those parts or portions of the Subdivisional
Range No 35 East of T. 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:

Full and

- Carl S. Nicklin, Compassman.
- Carl S. Nicklin, Chainman.
- Guy D. Stryker, Chainman.
- Guy D. Stryker, Chainman.
- Guy D. Stryker, Chainman.
- Perry Vanarsdall, Axeman.
- Perry Vanarsdall, Axeman.
- Perry Vanarsdall, Flagman.

Subscribed and sworn to before me, this thirtieth day
of June, 1895

[SEAL.]

Marius Buchanan
U. S. Dept. Surveyor

FINAL OATH OF DEPUTY SURVEYOR.

—

I, Marius Buchanan, United States
Deputy Surveyor, do solemnly swear that in pursuance of instructions
received from John C. Arnold, U. S.
Surveyor General for Oregon, bearing date of the eighth
day of May, 1895, 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, surveying all
those parts or portions of Subdivisions of
T. 1 S. R. 35 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 direc-
tions; and I do further solemnly swear that all the corners of said survey
have been established and perpetuated in strict accordance with the Survey-
ing 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 per-
jury under the provisions of an act of Congress approved August 8, 1846.

Marius Buchanan
U. S. Deputy Surveyor.

Subscribed and sworn to before me this twenty eighth
day of December, 1895

John C. Arnold
U. S. Surveyor General.
for Oregon.

Office of U. S. Surveyor General,

Portland, Oregon, *November 28*, 1896.

The following Field Notes of the Survey of the

Subdivisional lines of
Township 1 South Range 35^E E.
Will. Mer Oregon

executed by *Marius Buchanan*
U S Deputy Surveyor
under his Contract No. *635*, dated *April*

19th, 1895, having been critically examined,
the necessary corrections and explanations made, the said Field
Notes and the survey they describe, are hereby approved.

Robert A. Habersham

Surveyor General.