

Platted Exterior

9 E 1

CONTRACT No.

635

copied by
E. H. ...

FIELD NOTES

Of the

South Boundary

Lines of

T.

1 S.

R.

35 E.

Willamette Meridian, Oregon,

RECEIVED AND FILED,

BY

this 30 day of Dec., 1895.

Manius Buchanan

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

Deputy Surveyor.

UNDER

his

Contract of

April 19th

, 1895

Survey commenced

June 27th

, 1895

Survey completed

June 27th

, 1895

Platted

Copied for Washington

Ex.

FIELD NOTES

Of the survey of the South Boundary

Lines of T. 1 South R. 35
East

Willamette Meridian, Oregon,

as surveyed by Marius Buchanan

U. S. Deputy Surveyor, under his Contract No. 635

dated April 19th, 1895.



Survey commenced, June 27th, 1895

Survey completed, June 27th, 1895

NAMES AND DUTIES OF ASSISTANTS.

Guy Z. Stryker, Chainman.

Carl S. Nicklin, Chainman.

_____, Chainman.

Perry Vanarsdall, Axman.

_____, Axman.

_____, Flagman.

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PRELIMINARY OATHS OF ASSISTANTS.

We,

Guy D. Stryker and
Carl S. Nicklin

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

South Boundary

of T. 1 S.

lines of

R. 35 E.

Willamette Meridian, Oregon.

Guy D. Stryker, Chainman.

Carl S. Nicklin, Chainman.

Chainman.

Chainman.

Subscribed and sworn to before me this

twenty sixth

day of

June

189*5*

[SEAL.]

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

entire South Boundary line
of T. 1 S. R. 35 E.,

Willamette Meridian, Oregon.

Axman.

Perry VanArsdall

Axman.

Subscribed and sworn to before me this

twenty sixth

day of

June

189*5*

[SEAL.]

Marius Buchanan

U. S. Dept. Surveyor

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Referring the Lines to the Pages of the Field Notes.

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Referring the Lines to the Pages of the Field Notes

Will. Mer.

There being no other officer authorized to administer oaths available without great delay and expense, I administer the required preliminary oath.

Marius Buchanan
U. S. Dept. Surveyor

don't

Members of _____ Pages _____ to _____

Members of _____ Pages _____ to _____

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

Chs.

Being informed that a recent fire had burned the timber in the vicinity of the Cor. to secs. 33 and 34 and that it would be likely that all traces of corners and lines would be destroyed; I go to cor. to secs. 2, 3, 34 and 35 which is a post 2 ft high, 4 ins. square - marked

T. 1 S. S. 35 on N. E.,

R. 35 E. S. 2 on S. E.,

T. 2 S. S. 3 on S. W. and

S. 34 on N. W. faces, with 2 notches on E. and 4 on W. edges; witnessed as described by the Surveyor General and to conform to the marking on the post:

Thence I run West bet. secs. 3 and 34; -

Pa. 19°-15' E.

through a late burn - on level mountain top -

40.02 1/4 sec. Cor. - a post marked and witnessed as described by the Surveyor General - post and witnessed burned over, but markings

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

Chs not burned out.
 79.90 a post much burned, but marks
 readable, as follows:
 T. 1 S. S. 34 on N. E.,
 R. 35 E. S. 3 on S. E.,
 T. 2 S. S. 4 on S. W. and
 S. 33 on N. W. faces - notches
 burned off. Witness trees found
 corresponding to notes furnished
 me by the Surveyor General;
 all more or less burned, but as
 there are no green trees within
 limits; I leave them as I find them.

West on N. Bely. of sec. 4
 28.30 a post 2 ft. high, 4 ins. square, set
 firmly in the ground - marked
 C. C. T. 1 S. R. 35 E. on N.
 S. 34 on E. and
 S. 33 on W. faces - grooves burned off.

Note. I was surprised at
 finding this corner as neither
 my instructions nor plats furnished
 by the Surveyor General had indi-
 cated anything irregular in the

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

Chs. subdivision of T. 1 S. R. 35 E. and I had not carefully examined the field notes of the same furnished me by the Surveyor General.

I now find that I cannot follow the letter of the Instructions as they seem to have been formulated on the presumption that this township was regularly subdivided, so I can't await further instructions for the making this survey therefore proceed with the same according to the Manual of Instructions.

This closing corner, post and witnesses are badly burned, and marks thereon scarcely readable, I therefore^{to} re-established it set a tamarac post, 3 ft. long, 4 ins square, 24 ins. in the ground for closing corner to secs. 33 and 34, marked

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

S. 34 on E. and

S. 33 on W. faces, with 3 notches

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S. Bely. of T. 1 S. R. 35 E., Continued

Chs on E. and W. faces; from which
a tamarac 17 ins. diam. bears N. 13° E. 82 lbs.
dist. marked T. 1 S. R. 35 E. S. 34 B. T. and
a tamarac 14 ins. diam. bears N. 70° W. 110 lbs.
dist. marked T. 1 S. R. 35 E. S. 33 B. T.

Enter green timber.

40.00 I do not find any trace of the
old corner, therefore I
set a basalt stone 17 x 11 x 6 ins.
12 ins. in the ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ S. on N. face;

from which
a pine 6 ins. diam. bears N. 8° E. 61 lbs.
dist. marked $\frac{1}{4}$ S. B. T. and
a fir 5 ins. diam. bears S. 19° W. 57 lbs.
dist. marked $\frac{1}{4}$ S. B. T.

56.50 Brow of hill; descend almost
perpendicular S. face 1,000 ft.

80.00 set a basalt stone 17 x 12 x 7 ins. 12 ins.
in the ground for cor. to secs. 4 and
5, marked with 4 notches on E
and 2 on W. edges and raised
a mound of stone, 2 ft. at base,
1 1/2 ft. high, S. of Cor. Pits impractic-
able.

Land - mountainous:

S. Bdy. of U. S. R. 350. Continued

Chs. Soil-loam - 3rd rate:
 Timber, heavy pine, fir, tamarac
 and spruce; burned, 2830 chs.;
 green, 2818 chs.
 Mountainous lands - 80 chs.

W. on N. Bdy. of sec. 5.

Descend very steep, rocky S. face.

0.20 Creek 17 lks. wide, course N. 20° W., as-
 cend very steep N. face through dense
 undergrowth

8.50 leave undergrowth - no timber
 22.50 Summit of ridge 1200 ft. above creek,
 bears N 20° W. crowned with rock
 cliffs - go through a cleft; descend

40.00 set a basalt stone 15 x 10 x 7 ins. 10
 ins. in the ground for 1/4 sec. Cor.,
 marked 1/4 on N. face, ^{and} raised
 a mound of stone, 2 ft. at base,
 1 1/2 ft. high, S. of cor. Pits impracticable.

45.17 Creek 20 lks. wide; course N., as-
 cend. E. face:

71.00 top of hill 1300 ft. above creek;
 bears N and S. enter timber -

78.80 Intersect U. S. R. Bdy. line and
 set temp. Closing Cor.

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

Chs. I now go in search of closing Cor. on closing line from the West, which I find and is a post 2 ft. above ground 4 ins square, marked and witnessed as described by the Surveyor General:

thence I run N 20° E on U. L. R. Bily. line:

5:10 The 1/2 M. post on 5th Mile, which is a post, marked and witnessed as described by the Surveyor General.

10:10 My temp Cor., which, being out of limits, to make permanent, I set a fir post 3 ft. long, 4 ins. square, 24 ins. the ground for closing Cor. to Tps. 1 and 2 S. R. 35 E, marked

C. C. R. 35 E. on E.

T. 1 S. S 32 on N and

T 2 S. S. 5 on S faces; from which a fir 10 ins. diam. bears N. 40 1/2° E. 16 lks.

dist. marked T. 1 S. R. 35 E. S. 32 B. T. and

a fir 9 ins. diam. bears S. 43° E. 16 lks.

dist. marked T. 2 S. R. 35 E. S. 5 B. T.

hard - mountainous - soil - loamy - 1st to 3rd rate timber - pine and fir - undergrowth - fir, willow & chuparral Mountainous lands 49.80 Chs.

June 2nd 1895

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

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

Latitudes, Departures & Closing Errors

Lines Designated	True Bearing	Dist. in Chances	Latitude		Departure	
			N.	S.	E.	W.
N. Bdy	East	472.64 484.64			472.64 484.64	
S. Bdy	West	478.50 ⁴⁵		9.45 ⁴⁹		478.50 ⁴⁵
W. Bdy	North	482.90 484.65	482.90			
E. Bdy	South	473.50 479.30		473.50 479.30		
Convergence				482.99		74
Totals			484.65	488.78	485.38	478.50 ⁴⁵
			482.90	482.90	473.38	473.38
				484.65		485.38
Error in latitude				4.10		5.07
				Error in depart		6.88
				ure		

Note. The sec. line, N. and S. bet. secs. 33 and 34 and 27 and 28 is 155.21 Chs.; the lat. of the southing on the U. S. R. is 9.45 Chs.; the dist. on the W. Bdy. of secs. 31 and 30 is 165.98⁸⁴ Chs.; The N. end of which lines are connected by an E. and W. line; which gives a lat error of 1.53¹¹⁸ Chs.; which may be accounted for by the almost impassable ^{canons} canons on these lines. I found it impracticable to make any

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changes to rectify these errors.

~~Latitude taken daily~~

General Description.

This Exterior line crosses two almost impassable canyons. The soil is only 3rd rate and there is no valuable timber.

Marius Buchanan,
U. S. Dept. Surveyor.

There being no other officer available, authorized to administer oaths, 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 South Boundary
R. 35 E. lines of T. 1 S.
Willamette Meridian, Oregon,
showing the respective capacities in which they acted:

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

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted Marius Buchanan
Marius Buchanan, U. S. Deputy Surveyor, in surveying all
those parts or portions of the South Boundary
line of T. 1 S.
R. 35 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:

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

Subscribed and sworn to before me, this fifth day
of July, 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 South Boundary of T. 1 S. of 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 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.

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*, 189*6*

The ~~following~~ ^{foregoing} Field Notes of the Survey of the ^{Resurvey}

South boundary of Township
1 South Range 35 East
Will Mer. Oregon

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

19....., 189*5*, having been critically examined,
the necessary corrections and explanations made, the said Field
Notes and the survey they describe, are hereby approved.

Robert A. Habershaw

Surveyor General.