

Platted Exterior

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CONTRACT No.

635

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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  
U. S. Surveyor General for Oregon.  
Deputy Surveyor.

UNDER

his Contract of April 19<sup>th</sup>, 1895  
Survey commenced June 27<sup>th</sup>, 1895  
Survey completed June 27<sup>th</sup>, 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 19<sup>th</sup>, 1895.



Survey commenced, June 27<sup>th</sup>, 1895

Survey completed, June 27<sup>th</sup>, 1895

## NAMES AND DUTIES OF ASSISTANTS.

Guy Z. Stryker, Chainman.

\_\_\_\_\_, 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. R. 35 E. lines of T. 1 S.  
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, 1895

[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, 1895

[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*

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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.  $19^{\circ}-15'$  E.

through a late burn - on level mountain top -

40.02  $\frac{1}{4}$  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.

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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

97

S. Bdy. 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<sup>to</sup> 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



10  
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 - 3<sup>rd</sup> rate:  
 Timber, heavy pine, fir, tamarac  
 and spruce; burned, 2830 chs.;  
 green, 2818 chs.  
 Mountainous lands - 80 chs.

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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, <sup>and</sup> 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 5<sup>th</sup> 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 - 1<sup>st</sup> to 3<sup>rd</sup> rate timber - pine and fir - undergrowth - fir, willow & chuparral Mountainous lands - 49.80 Chs.

June 2<sup>nd</sup> 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 Chs.	Latitude		Departure	
			N.	S.	E.	W.
N. Bdy	East	472.64 484.64			472.64 484.64	
S. Bdy	West	478.50 <sup>45</sup>		9.45 <sup>49</sup>		478.50 <sup>45</sup>
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 <sup>45</sup>
			482.90	482.90	473.38	473.38
				484.65	473.38	478.50 <sup>45</sup>
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 165.98<sup>84</sup> Chs.; The N. end of which lines are connected by an E. and W. line; which gives a lat error of 1.58<sup>118</sup> Chs.; which may be accounted for by the almost impassible <sup>canons</sup> canons on these lines. I found it impracticable to make any

14  
changes to rectify these errors.

~~Latitude taken daily~~

General Description.

This Exterior line crosses two almost impassable canyons. The soil is only 3<sup>rd</sup> 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~~ <sup>foregoing</sup> Field Notes of the Survey of the <sup>Resurvey</sup>

*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.