

E

4-679

341

# FIELD NOTES

OF THE ~~SURVEY OF THE~~

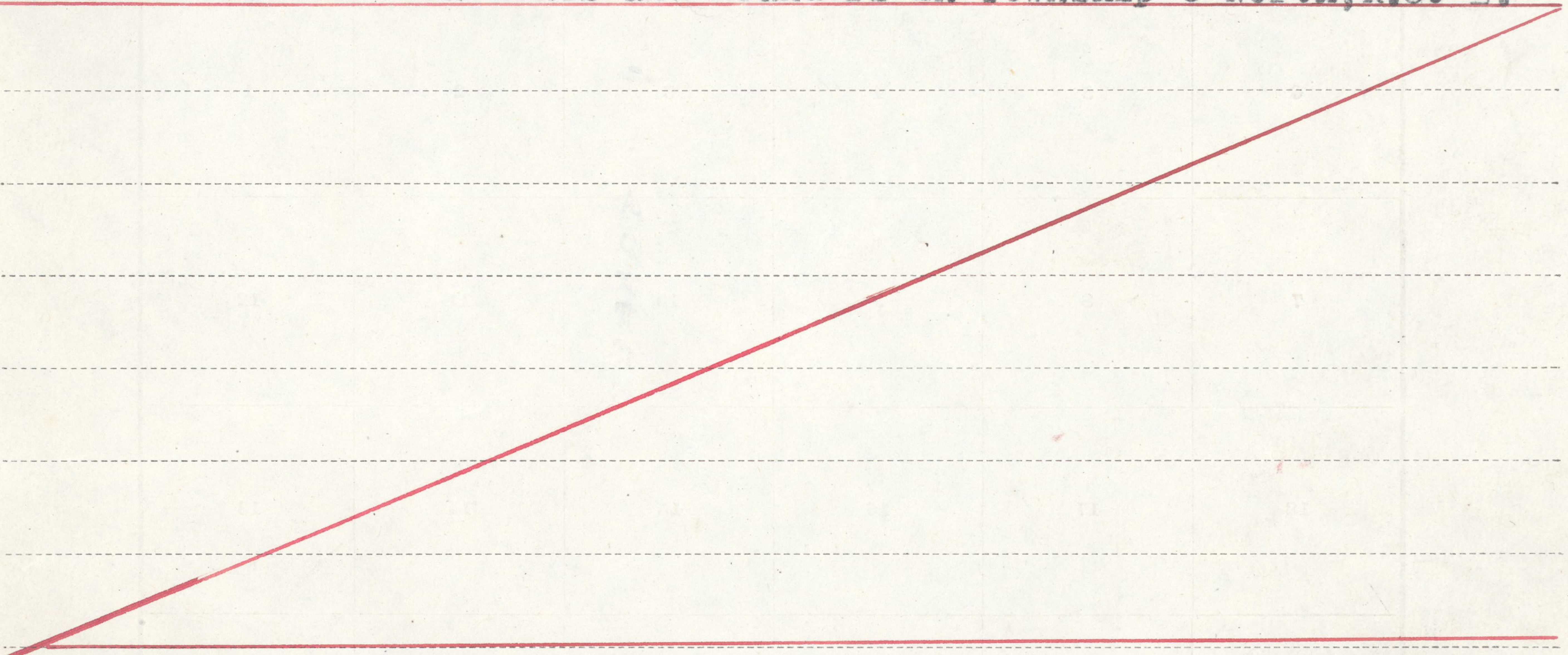
Resurvey of West Boundary of Township 6 North, Range 31 East;

\_\_\_\_\_ and \_\_\_\_\_

Resurvey of South Boundary of Township 6 North, Range 30 East;

\_\_\_\_\_ also \_\_\_\_\_

Subdivisional Section Lines and Meanders in Township 6 North, R. 30 E.



Of the \_\_\_\_\_ Willamette \_\_\_\_\_ Meridian,

In the State of \_\_\_\_\_ Oregon \_\_\_\_\_

EXECUTED BY

\_\_\_\_\_ Charles M. Collier \_\_\_\_\_

In the capacity of U. S. Surveyor, under <sup>Special</sup> instructions dated August 2 \_\_\_\_\_, 1911, issued by the United States Surveyor General to govern surveys included in Group No. 7, which were approved by the Commissioner of the General Land Office, August 24, 1911, pursuant to authority contained in the Act of Congress dated June 25, 1910.

Survey commenced August 11, 1911.

Survey completed August 19, 1911.

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ACCEPTED BY THE HON. COMMISSIONER G. L. O. November 9, 1914



## RESURVEY OF THE WEST BDY. OF TP. 6 N., R. 31 E., W.M. OREGON

Chains

- and raise a mound of earth 4 ft. base, 2 ft. high W. of corner.
- From this corner the initial point of the survey of the Oregon-Washington Bdy. line, on the East bank of the Columbia River, bears N. 31 deg. 53' E. 135.63 chs. dist.
- Thence I run,  
South, retracing the W. bdy. of Sec. 30
- 40.00 All evidence of the old  $\frac{1}{4}$  sec. cor., described as a post with pits and mound of earth has entirely disappeared. Set temp.  $\frac{1}{4}$  sec. cor.
- 79.10 My line falls 120 lks. East of the old cor. of Secs. 25, 30, 31 and 36 as identified by the old post and charcoal deposit still in place. The line bears S. 0 deg. 52' W.
- 
- From the old corner of Secs. 25, 30, 31 and 36,  
I run  
South, retracing the W. bdy. of Sec. 31
- 39.68 My line falls 5 lks. West of the  $\frac{1}{4}$  sec. cor. which is a decayed post with marks still legible. The line bears S. 0 deg. 4' E. Thence from the old  $\frac{1}{4}$  sec. cor., I run, South retracing the West bdy. of Sec. 31
- 39.28 My line falls 21 lks. east of the cor. of Tps. 5 & 6 N., Rgs. 30 and 31 E. At this Tp. corner I find the stump of the original bearing tree, a juniper 20 ins. diam. S. 69 deg. 30' E., 5.50 chs. dist., cut off about 12 ins above the surface of the ground, still showing marks on lower facing; also the stump of the original bearing tree, a juniper 24 ins. diam., N. 8 deg. 30' E. 3 chs. dist., cut off at surface of the ground. No trace of the old post to be found.
- By reference to the stumps of the original bearing trees I relocate the original position of the corner, at which point, I set a Juniper Post 3 ft. long, 4 ins. sq., 24

RESURVEY OF THE WEST BDY. OF TP. 6 N., R. 31 E., W.M. OREGON

ins. in the ground for corner of Tps. 5 & 6 N., Rgs. 30 and 31 E., mkd. T 6 N S 31 on N.E.

R 31 E S 6 on S.E.

T 5 N S 1 on S.W. and

R 30 E S 36 on N.W. faces, with 6

notches on each edge from which,

A juniper 6 ins. diam. bears S. 78 deg. E. 485 lks.

dist. mkd. T 5 N R 31 E S 6 B T

A juniper 6 ins. diam. bears N. 5 deg. 30' E. 261 lks

dist. mkd. T 6 N R 31 E S 31 B T

No other trees available; dig pits 24 x 24 x 12 ins.

on each line N. E. & W. 4 ft. and S. of post 8 ft. dist;

and raise a mound of earth 5 ft. base, 2 1/2 ft. high S. of

corner.- From this Tp. cor. the (Latitude is 45°57' N.

(Longitude 119°00' W.

Thence I run

N. 0 deg. 18' E., resurveying the west bdy. of Sec. 31.

Descending from corner thru scattering timber

11.60 Leave scattering timber and enter loose, sandy land, bears E. and W.

20.75 Enter flat bottom of Juniper Canyon, 400 ft. below Tp. corner, course West

22.25 Ascend

26.78 A wire fence bears NW and SE

34.50 Bottom of ravine, course SW

39.28 To the old 1/4 sec. cor., which I now destroy and reestablish at the same point as follows:

Set a basalt stone 16 x 12 x 10 ins. 10 ins. in the ground for 1/4 sec. cor. mkd. 1/4 on E. face and raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of corner; pits impracticable.

Thence from the 1/4 sec. cor., I run

N. 0 deg. 4' W., counting the distance from the 1/4 sec. cor.

Over high, rolling table land

39.68 To the old corner of secs. 25, 30, 31 and 36 which I now destroy and reestablish at the same point as follows:

BOUNDARIES OF TOWNSHIP 6 NORTH, RANGE 30 EAST

LATITUDES, DEPARTURES, AND CLOSING ERRORS

Line Designated	True Bearing	Distance	Latitudes		Departures	
			N.	S.	E.	W.
East Bdy. of Tp. 6 N., R. 30 E.	N. 0 18' E.	39.28	39.28		...	.21
	N. 0 4' W.	39.68	39.68			.05
	N. 0 52' E.	79.10	79.09		1.20	
Meanders of Columbia River	North	28.00	28.00			
	S. 39 23' W.	36.23		28.00		22.99
	S. 48 30' W.	11.20		7.42		8.39
	S. 34 00' W.	11.90		9.87		6.65
	S. 18 00' W.	7.70		7.32		2.38
	S. 26 30' E.	2.90		2.60	1.29	
	S. 8 00' W.	7.50		7.43		1.04
	S. 47 30' W.	4.70		3.18		3.46
	S. 63 15' W.	27.80		12.51		24.82
	S. 37 00' W.	5.00		3.99		3.01
	S. 80 00' W.	10.00		1.74		9.85
	S. 70 00' W.	4.00		1.37		3.76
	S. 45 00' W.	29.00		20.51		20.51
	S. 55 00' W.	6.80		3.90		5.57
	S. 70 00' W.	15.60		5.34		14.66
	S. 83 30' W.	9.60		1.09		9.54
	S. 65 00' W.	10.20		4.31		9.24
	S. 60 00' W.	19.30		9.65		16.71
	S. 60 00' W.	4.00		2.00		3.46
	S. 5 00' W.	10.00		9.96		.87
	S. 65 45' W.	5.00		2.05		4.56
N. 46 30' W.	13.00	8.95			9.43	
S. 66 00' W.	8.40		3.42		7.67	
S. 50 00' W.	20.00		12.86		15.32	
S. 23 00' W.	9.50		8.74		3.71	
S. 59 00' W.	41.00		21.12		35.14	
S. 63 25' W.	9.92		4.44		8.87	
South Bdy. of T. 6 N., R. 30 E.	East				248.87	
Totals,.....			195.00	194.82	251.57	251.66
			194.82			251.57
Error in lat.....			.18	Error in Dep..		.09

GENERAL DESCRIPTION.

This fractional township contains high, rolling table lands in the southern and eastern parts with rock bluffs and steep slopes toward the Columbia River in the northwestern part. A narrow valley or bottom, having a mean width of about 15 chs. extends along the Columbia River except thru the southern part of Secs. 33 and 34 where the bluffs rise abruptly from the river bank some 700 ft. to the table land. The bank of the river is generally abrupt and ranges from 10 to 12 ft. in height. During periods of low water there is a wide gravel bar extending between the bank and the shore line. Some 15 chs. distant from the shore line and south of the main channel of the river there is a chain of low bars and islands, submerged except during low water extending thru

TOWNSHIP 6 NORTH, RANGE 30 E.  
GENERAL DESCRIPTION, CONTINUED

the township. The soil of the bottom land is a deep, rich, sandy loam and volcanic ash and with irrigation is capable of producing excellent crops of fruits and cereals. The soil of the table lands and slopes is a mixture of sand and volcanic ash adapted to grazing and dry farming.

Small cottonwood, willow and cherry are to be found along the immediate bank of the Columbia River as are also scattering trees of juniper in the southeastern part of the township.

The Columbia River flows along and forms the northwestern boundary of this fractional township and supplies the water for irrigation purposes. Alkali Spring is located in Juniper canyon, near the center of Sec. 35. There is no other water in the township except during the early spring and summer months.

S. D. Tucker has settled in Sec. 24. His improvements consist of, a house, barn and engine house, 2 acres in young orchard, 10 acres in cultivation and under irrigation by water, pumped by a gasoline engine thru iron pipes tapped by hydrants. Mr. Tucker also has some 75 acres partially cleared and prepared for irrigation.

Ed. Riley has settled in Sec. 34. His improvements consist of, a cabin and about 6 acres in cultivation.

Mr. Johnson has a cabin and some ten acres in cultivation in Sec. 25.

Pearson and Johnson have a stock farm, a house, out-buildings and corrals located in Sec. 35. These stock men also have sheep corrals and small fenced enclosures in nearly every section of the township.

The O.W.R. & N. R.R. extends along the bank of the Columbia River thru the entire township. Telegraph and telephone lines parallel the railroad.

Charles M. Collins  
U.S. Transitman

August 19, 1911.

CERTIFICATE OF ASSISTANTS.

Copy of certificate signed in original pocket book of field notes. C.M.C

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability, Charles M. Collins in the capacity of U. S. Surveyor, during the periods and in the capacities stated opposite our several signatures, in surveying all those parts or portions of T 6 N R 30 E

of the Willamette Meridian, in the State of Oregon which are represented in the foregoing field notes as having been executed 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 executed.

NAME.	PERIOD OF SERVICE.		CAPACITY.
	BEGUN.	ENDED.	
<u>Alfred D. Collins</u>	<u>Aug 11 1911</u>	<u>Aug 19 1911</u>	<u>Head chainman</u>
<u>Leon M. Bernsten</u>	<u>Aug 11 1911</u>	<u>Aug 19 1911</u>	<u>Rear chainman</u>
<u>S. D. Tucker</u>	<u>Aug 11 1911</u>	<u>Aug 19 1911</u>	<u>Monumentman</u>
<u>J. H. Gussello</u>	<u>Aug 11 1911</u>	<u>Aug 19 1911</u>	<u>Flagman</u>

Subscribed and certified to before me on the dates of the final service as shown above.

Charles M. Collins  
In the Capacity of U. S. Surveyor.

FINAL OATH OF UNITED STATES SURVEYOR.

I, Charles M. Collier in the capacity of U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for Oregon bearing date of the 2<sup>d</sup> day of August, 1911, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of

T 6 N R 30 E

of the Willamette Meridian, in the State of Oregon, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and 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 original field notes of such survey.

Charles M. Collier  
In the capacity of U. S. Surveyor.

Subscribed by said Charles M. Collier, and sworn to before me }  
this 27 day of November, 1911 }

Edward A. Worth  
U. S. SURVEYOR GENERAL OF OREGON



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Portland, Oregon, March 27, 1914.

The foregoing field notes of the survey of Resurvey of West Boundary of T. 6 N., R. 31 E., and Resurvey of South Boundary of T. 6 N., R. 30 E.; also Subdivisional Section Lines and Meanders in T. 6 N., R. 30 E., of the Willamette Meridian, Oregon, in Book "E",

executed by Charles M. Collier, in the capacity of U. S. Surveyor under his special instructions dated August 2, 1911, 1911, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward A. Worth  
U. S. Surveyor General.

~~I certify that the foregoing transcript of the field notes of the above-described surveys in~~  
~~has been correctly copied from the original notes on file in this office.~~